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Title:

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Place:

[Buitenzorg?]

Date:

1919

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East Indies. 3d ed. Published by the Division
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tenzorg, Soekaboemische snelpersdrukkerij, 1919.
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WITH THE
NETHERLANDS GOVERNMENT
INTELLIGENCE BUREAU
NEW YORK CITY

Publicatie van de Afdeeling Handel in 1919. No 5.

EXPORTER'S DIRECTORY
OF
THE NETHERLANDS EAST INDIES

THIRD EDITION

PUBLISHED BY THE DIVISION OF COMMERCE

OF THE

DEPARTMENT OF AGRICULTURE, INDUSTRY AND COMMERCE.

BUITENZORG (JAVA)



PRINTED BY
SOEKABOEMISCHE SNELPERSDRUKKERIJ
1919

Publicatie van de Afdeeling Handel in 1919. No. 5.

EXPORTER'S DIRECTORY
OF
THE NETHERLANDS EAST INDIES

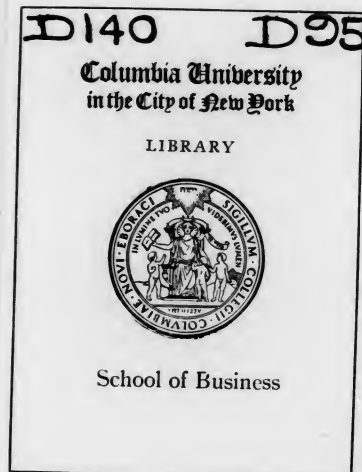
THIRD EDITION -

PUBLISHED BY THE DIVISION OF COMMERCE
OF THE
DEPARTMENT OF AGRICULTURE, INDUSTRY AND COMMERCE.

BITENZORG (JAVA)



PRINTED BY
SOEKABOEMISCHE SNELPERSDRUKKERIJ
1919



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W. P. Miller 1922

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PREFACE.

This Directory of Exporters has been compiled to supply information to all desirous of opening trade relations with the Netherlands-East-Indies.

Every endeavour has been made to assure completeness of this third edition, and great care was exercised in collecting the material contained in this volume.

DIVISION OF COMMERCE.

Buitenzorg, October 1919.

LIST of EXPORTERS.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Algemeene Handels Compagnie.	Sourabaya.	Venema	Mercury code 3rd Ed. A.B. C. code 4th and 5th Ed. A-1 code Lieber's code.
Ament's Suikerfabrieken.	Bandoeng. Cheribon.	Jamesament	A. B. C. code.
Amsterdam-Batavia. Handelsvereniging.	Batavia. Sourabaya. Amsterdam.	Batam	Bentley's Complete phrase code, A. B. C. code 5th Ed, A. B. C. code 5th Improved.
Handelsvereniging „Amsterdam”	Sourabaya. Medan. Amsterdam.	Victoria	A-1 code, A. B. C. code 4th and 5th. Ed., Western Union, Mercury code, Private codes.
The Anglo Dutch Estates Agency Coy. Ltd.	Medan. Belawan. Sourabaya. London.	Anduesta	A. B. C. code 5th. Ed., Broomhall code, Mercury code 3d Ed.
Atjehsche Handel Maatschappij.	Koeta Radja. Kwala Simpang. Langsar. Lho Seumawé. Sabang. Segli. Tapa Toean.	Pionier Koetaradja	A. B. C. code, 4th and 5th., Ed, Lieber's code, Whitelaw's 53000 and 200000 Words, Ager's 100000 Words Official Vocabulary.
Ned. Ind. Im- en Export Maatschappij „Atlantic”.	Bandoeng. Batavia. Cheribon. Sourabaya.	„Atlantic” or „Coriolanus”	A. B. C. code 5th Ed.
Handel Maatschappij Baeten & Co.	Bandoeng.	Baeten	A. B. C. code 5th Ed.
Crediet en Handelsvereniging „Banda”.	Amboina. Banda. Ternate. Amsterdam.	Credenhan Amsterdam Crediet Ternate	A. B. C. code 5th Ed. Mercury code 3d Ed.
Bandasche Perkeniers en Handelsvereniging.	Banda.	Perkeniers Macassar	
Barmer Export Gesellschaft.	Batavia. Samarang. Sourabaya. Bangkok.	Rapid	A-1 code, Western Union code, Engineering Tel. code 2d Ed., Mercury code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Bataviasche Koffie-Sorteer- en Pelinrichting.	Batavia.	Lange	A. B. C. code 5th Ed.
N. V. Behn Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong. Hamburg. London. Singapore. Penang. Bangkok. Sandakan. Manila. Cebu. Kailo. Zamboanga.	Behn	A. B. C. code 5th Ed., Carlowitz code, Scott's code, Simplex Standard code, New Leviathan code, Private codes.
C. Berlage & Co.	Sourabaya. Medan. Amsterdam. New York.	Berlage	A. B. C. code 5th Ed.
S. & W. Birnbaum.	Batavia. Amsterdam.	Birnbaum	A. B. C. code 5th Ed., Mercury code 3d Ed.
H. C. Bluntschli.	Siak Sri Indra- poera S.O.K.	Pakanbaroe Bluntschli	A. B. C. code 5th Ed., Bedford & Mc. Neill; Staudt & Hundius code.
Boasson & Van Overzee.	Batavia. Amsterdam.	Boasover	A. B. C. code 5th Ed., Mercury code.
Boden & Company.	Batavia. Palembang. Rotterdam.	Nedobe Batavia	A. B. C. code 5th Ed., Mercury code 3d Ed., Private Code.
Eugen Boissevain & Co. Inc.	Batavia. Manila. New York. Kobe. Puerto Plata. San Francisco. Rotterdam.	Boovain.	Bentley's, A.B.C. code 5th Ed., Private code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
The Bombay Java Trading Company Ltd.	Batavia. Bombay. London.	Romford.	A. B. C. code 5th Ed., Premier code, Broomhall code, Bentley's code.
Borneo Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan. Singapore. The Hague.	Borsumy.	A. B. C. code 5th Ed., Simplex code.
The Borneo Company Ltd.	Batavia. Sourabaya. Bangkok. Chiengmai. London. Sarawak. Singapore.	Borneo.	Western Union, A. B. C. code 5th Ed., Standard Tel. code, Watkins Tel. code and appendix, Bentley's Complete Phra- se code, Scott's code, A-1 code, Private codes.
N.V. Vereenigde Indische Bosch Exploitatie Maat- schappij.	Samarang. Palembang. Sinabang. Telok Betong. Amsterdam.	Vibem.	A. B. C. code 5th Ed., Mercury code 2d Ed., Western Union Tel code.
N.V. Spiritusfabriek „Brantas”	Sourabaya.	Faubel.	A. B. C. code 5th Ed.
Burns Philp & Company Ltd.	Samarang. Sourabaya. Melbourne. Adelaide. Fremantle. Geraldton. Perth. Brisbane. Bowen. Cairns. Charters Towers. Cooktown. Croydon. Normanton. Thursday Island. Townsville. Wellington N. Z. Port Moresby. Samarai. Faisi.	Burnsphilp. or Jenolan.	A. B. C. code, 5th Ed., Bentley's, Ross-Moss, Western Union, Watt's code, A-1 code, White- laws code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Burns, Philp & Company Ltd.	Gizo. Makambo. Vila, Nukualofa. Haapai. Apia. Suva. Levuka. Rabaul. Butaritari.		
Carter Macy & Co. Inc.	Batavia. New York. Chicago. San Francisco. Philadelphia. Boston. London U. S. A. Yokohama. Shidzouka. Shanghai. Hankow. Colombo. Calcutta. Taipeh.	Cartermacy.	Lieber's code, A. B. C. code 5th Ed.
Catz American Co. Inc.	Batavia. New York. San Francisco.	Catzco.	Private, A. B. C. code 5th Ed., Mercury code.
The Celebes Trading Coy Ltd.	Batavia.		
Chater & Co.	Sourabaya. Bangkok. Singapore. Manchester.	Chater.	A. B. C. code 5th Ed., A-1 code, Premier Cypher Tel. code by W. H. Hawke, Private code.
Choya & Co. Ltd.	Batavia. Samarang. Sourabaya. Tokyo. Osaka. Kobe. Singapore.	Choya.	A. B. C. code 5th Ed., Private code.
N.V. Citronella Maatschappij.	Sourabaya.	Voorruys.	A. B. C. code, 5th Ed., Private code.
Société Coloniale Indo Belge.	Batavia. Tangerang. Rotterdam. Antwerp.	Société indobelge	A. B. C. code 4th and 5th Ed., Mercury code 2d Ed., Bentley's code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Firma H. G. Th. Crone.	Samarang. Sourabaya. Amsterdam.	Kwast.	A. B. C. code 5th Ed. A-1 code, Mercury code, Private codes.
Handel Maatschappij „Deli-Atjeh”.	Belawan. Langsar. Medan. Segli. Tandjong Balei. Penang.	Noltehaas.	A. B. C. code 5th Ed., Mercury code 3d Ed.
Chr. Diemer.	Bandjermasin.	Diemer.	A. B. C. code 5th Ed., Mercury code 3d Ed., Two in one code con- denser, Voller's 12 fi- gure system.
Gebres. Dietvors.	Sourabaya. Nymegen.	Dietvors.	A. B. C. code, Lieber's code.
Handels Compagnie v/h. Dircks & Co.	Menado. The Hague.	Weihe. Weihaus.	A. B. C. code 5th Ed., The Benzinger Cipher code Condenser.
G. Dittrich.	Sourabaya.	Dittrich.	A. B. C. code 4th and 5th Ed., Staudt & Hundius code, Mercury code 2nd Ed.
N.V. Oliefabriek van Dongen.	Blifar. The Hague.	Vandongen.	Mercury code 3rd Ed.
Dordtsche Petroleum Maat- schappij.	Batavia. Sourabaya.	Petreux.	A. B. C. code 5th Ed.
E. Edgar & Co.	Batavia. Samarang. Sourabaya. Amsterdam. New York.	Edgar.	A. B. C. code 5th Ed., A-1 code, Lieber's Standard, Private codes.
M. E. Elias.	Gorontalo. Menado. Singapore.	Ellyas.	A. B. C. code 5th Ed.
Filémon, Engelen & Co.	Menado.	Engelen.	A. B. C. code 5th Ed., A-1 code, Private codes.
Maatschappij tot Expl. Van Fynhouthandelen Stoom- zagerij.	Sourabaya. The Hague.	Fynhout.	A. B. C. code 5th Ed.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Harrisons & Crosfield.	Batavia. Bandoeng. Calcutta. Calicut. Colombo. Kuala Lumpur. Medan. London E. C. Montreal. Quillon. Singapore. Tangier. Kobe. New York. Philadelphia. Chicago. Boston. San Francisco. Harrisons, King Irwin Limited. Shanghai. Hankow. Foochow. Harrisons Ramsay Prop. Ltd. Adelaide. Brisbane. Melbourne. Sydney. Auckland. Christchurch. Dunedin. Wellington. The South Afrika Nectar Tea Company Ltd. Cape Town.	Crosfield or Stonecrop.	A.B.C. code 5th Ed., Western Union code, Bentley's code, A-1 code, Private codes.
N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.	Karadjinan.	A.B.C. code 5th Ed.
Henderson, Keulemans Co.	Batavia. New York. Singapore.	Keulemans or Redsonder.	Lieber's, Benson's, A.B.C. code 5th Ed. Private.
Hermans Marsman.	Batavia. Sourabaya. Tjilatjap. Amsterdam.	Oostmoesson.	A.B.C. code 5th Ed., Bentley's code, Mercury code 3d Ed., Bedford Mc. Neill Mining code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.	Schwalbach	A.B.C. code, 5th Ed.
N.V. Handel Maatschappij v/h. Hoedt & Co.	Sourabaya.	Hoedt.	—
Holland Straits Trading Coy Ltd.	Medan. Penang. Singapore.	Boecolen. Medan.	A.B.C. code 5th Ed., Lieber's Mercury 3 Ed., Broomhall Rubber Ed.
Hollandsche Handel Maatschappij.	Batavia.	—	A. B. C. code 5th Ed.
Holland China Handels Co.	Muntok. Canton. Hongkong. Shanghai. Tientsin. Rotterdam.		
G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang. Amsterdam. Manchester.	Hoppensted. Strevans.	
Van Houten, Steffan & Co.	Padang.	Vanhouten.	A.B.C. code 4th and 5th Ed., Mercury 3d Edition, Scott's 9th Ed., Western Union, A-1 code, Two-in- one code condenser.
Indische Handels Compagnie.	Batavia. Cheribon. Samarang. Amsterdam.	Sundanese.	Mercury code 3d Edition, A.B.C. code 4th and 5th Ed., Scott's code, Watkin's code, Lieber's code.
Ned.-Ind. Im- & Export Maatschappij.	Buitenzorg. Amsterdam.	—	—
The Indo Java Rubber Planting & Trading Co. Ltd.	Batavia. London. Bombay.	Romford.	A.B.C. code 5th Ed., Pre- mier code, Broomhall code, Bentley's code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
N.V. Ned. Ind. In- & Uitvoerhandel Maatschappij.	Benkoelen.	Vandervossen.	A.B.C. code 4th and 5th Ed., Mercury code 3d Edition.
N.V. Oliefabrieken Insulinde.	Bandoeng. Banjoewangi. Blitar. Keboemen. Kediri. Rangkas Betoeng. Sentono. Toeloeng Agoeng.	Insulinde.	A. B. C. code 5th Edition, Bentley's code, Mercury code.
Jacobson van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya. Rotterdam.	Jacoberg.	A. B. C. code 5th Edition., Mercury code 2d Ed.
Vereenigde Javasche Hout-handel Maatschappij.	Batavia. Samarang. Sourabaya.	Javabosch. } Vajahoma.	Mercury code 2d Edition, A-1 code, A. B. C. code 5th Ed., Western Union Tel. code.
Handelsvereniging „Java“.	Batavia. Cheribon. Samarang. Sourabaya. Amsterdam.	Crescendo.	A. B. C. code 5th Ed., Mercury code.
Joakim & Co.	Sourabaya.	Joakim.	A. B. C. code 4th and 5th Ed., The Premier code, Private code.
John Peet & Co.	Batavia. London.	—	—
Jordan & Co.	Sourabaya.	Jordan.	A. B. C. code 5th Ed.
Handelsvereniging „Java-Borneo“.	Djakjakarta. Samarang. Sourabaya. Balikpapan. Boelongan. Kota-Baroe. Samarinda.	Jabor.	A. B. C. code 5th Ed., Western. Union.
N.V. Java Import Export Corporatie Verlegenwoor-digers v/d Firma Knapp & Baxter.	Sourabaya. New York. San Francisco.	Braytan.	A. B. C. code 5th Ed., Western Union, Bentley Excelsior.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
N.V. Handel Maatschappij v/h. Kerkhoff & Co.	Medan. Sabang. Sibolga. Amsterdam. New York.	Kerkhoff Medan. Waal Sabang.	A. B. C. code 5th Ed.
N.V. Koloniale Tabak Import Maatschappij v/h. G. Klomp.	Sourabaya. Amsterdam.	Reyem Soura-baya. Fictam Amster-dam.	A. B. C. code 5th Ed.
Koloniale Handel Maatschap-pij.	Bandoeng. Batavia. Pontianak.	Kohamy Batavia. Koloniale Pon-tianak.	A. B. C. code 5th Ed.
N.V. Kocolinefabriek Soura-baya.	Sourabaya.	Kocoline.	A. B. C. code 5th Ed.
Koloniale Bank.	Samarang. Sourabaya. Amsterdam.	Dutchman.	Mercury code 3d. Ed., A. B. C. code 5th Ed., Private Code.
W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.	Ledeboer.	A. B. C. code 4th and 5th Ed., A-1 code, Lieber's Standard Tel. code, Voller's 12 fig. code.
H. Levison.	Padang.	Levison.	A. B. C. code 5th Ed.
Maatschappij voor Koloniale Ondernemingen.	Medan.	Silvanus.	Mercury code 3d Ed., A. B. C. code 5th Ed., Bentley's complete, Broomhall (Rubber Ed.)
London Rangoon Trading Coy (Java) Ltd.	Sourabaya. London. Rangoon.	Paddybird. Payahgyee. Tallyho.	Bentley's code, Broomhall's code, Scott's 10th Edition, Private codes.
N.V. Eerste Macassaarsche Oliefabriek.	Macassar. Amsterdam.	Toradja.	A. B. C. code 5th Ed., Western Union Code, Hemel's Auto code, Private code.
MacLaine Watson & Co.	Batavia. London.	Product.	A. B. C. code 5th Ed., A-1 code, Mercury code, Watkins code, Bentley's code.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Maintz & Co.	Batavia. Samarang. Sourabaya. Amsterdam. Paris.	Maintz.	A. B. C. code 4th and 5th Ed., A-1 code, Mercury & Scott's codes.
N.V. Manders Seemann & Co's Handel Maatschappij.	Macassar. Amsterdam. Paris.	Toradja.	A. B. C. code 5th Ed., Lieber's code, Western Union, Mercury code.
Mc. Meekin & Co.	Batavia. Calcutta. Colombo. London.	Alyatem.	Bentley's code, Private code.
Medansche Handel Maatschappij v/h. Th Konow Soeberg & Co.	Belawan. Kwala Simpang. Medan. Tandjongpoera.	Soeberg.	A. B. C. code 4th and 5th Ed., Private codes.
Menadosche Handelsvereening.	Macassar. Menado. Amsterdam.	Olius.	A. B. C. code 5th Ed., Simplex Standard code.
Merauke Compagnie.	Merauke. Amsterdam.	—	—
Michael Stephens & Co.	Ampenan. Macassar.	Stephens.	Western Union code, Premier code, A. B. C. code 4th and 5th Ed.
Mirandolle, Voûte & Co.	Samarang. Sourabaya. Amsterdam.	Mataram.	A-1 code, A. B. C. code 5th Ed., Agers Tel. code, Contra Error code, Condenser.
Handelsvereening v/h. J. Mohrmann & Co.	Macassar. Menado. Amsterdam.	Mohrman.	A. B. C. code 5th Ed.
Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate. Amsterdam.	Moluksche.	A. B. C. code 5th Ed.
Handel Maatschappij Moraux & Co.	Macassar.	Moraux.	A. B. C. code 5th Ed.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Handelsvereening „Nederland”	Ampenan. Sourabaya. Rotterdam.	Laagland.	A. B. C. code 5th Ed.
Van Nie & Co.	Belawan. Laboean Billik. Medan. Tandjong Balei.	Vannie.	A. B. C. code 4th and 5th Ed., Mercury code, A-1 code.
Mc. Neill & Co.	Samarang. Tjilatjap.	Macneill.	A-1 code, A. B. C. code 5th Ed., Mercury, Scott's code.
S. L. van Nierop & Co's Handel Maatschappij.	Batavia. Cheribon. Medan. Samarang. Sourabaya. Amsterdam.	Toewan.	A. B. C. code 5th Ed., Private code.
Von Nordheim & Co.	Batavia. New-York.	Nordheim.	A. B. C. code 5th Ed., Bentley's code, Lieber's code, Mercury code.
Obi Gom Company.	Ternate. Amsterdam.	Vandorssen. Dredgers.	A. B. C. code 5th Ed., Mercury code.
N.V. Oost-Borneo Maatschappij.	Samarinda.	—	—
Oost Indische Exploitatie en Handel Maatschappij.	Macassar. Samarinda. The Hague. Rotterdam.	—	A. B. C. code 5th Ed., Voller's 12 figure system.
HandelsCompagnie „Padang”.	Padang. Sibolga. The Hague.	Hacompa.	Mercury code 2d Ed., A. B. C. code 5th Ed.
Padangsche Handel Maatschappij.	Padang. Sibolga.	Pahamy.	A-1 code, Lieber's code, A. B. C. code 4th and 5th Ed., Official Vocabulary Whitelaw's 200000 words, Private code, Condenser.
W. P. Phipps & Go.	Batavia.	—	—

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Société de Culture de Pannoulisan.	Bandoeng. Paris. The Hague.	Fravaco.	A.-Z. François, A. B. C. code 4th and 5th Ed.
Pitcairn Syme & Co.	Batavia. Samarang. Sourabaya. Bangkok. Manila. Singapore. London. Glasgow.	Pitcairn.	A-1 code, A.B.C. code 5th (1901) Ed., Scott's 10th (1908) Ed., Bentley's code, Mercury code 2d Ed.
N.V. Import en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya. Amsterdam.	Groskamp. Vanheusde.	A. B. C. code 5th Ed. & Private code.
L. Platon.	Batavia. Sourabaya. Liverpool. Paris.	Platon.	A. B. C. code 4th and 5th Ed., A-1 code 1888, Lieber's code, Vocabulaire Officiel Bern 1884, Volumes 12 figure cypher code, Combinaison Ch. Pieron, Private codes.
Pontianak Trading Co.	Pontianak.	Claviger.	A. B. C. code 5th Edition, Mercury code 2d Ed.
F. H. Pownal.	Banjoewangi.	—	A. B. C. code 4th Ed., Mercury code 2d Ed.
Compagnie Commerciale „La Ratoe”.	Batavia.	Indrubber.	A. B. C. code 5th Ed., Mercury code 3d Ed.
N.V. Handelsvereniging v/h. Reiss & Co.	Ampenan. Batavia. Den Pasar. Macassar. Samarang. Sourabaya. Amsterdam.	Rosmarin.	A. B. C. code 5th Ed. Lieber's code, Mercury code, Private code.
Remedios Brothers.	Sourabaya. Kobe. Manila. Porto.	Remedios.	A. B. C. code 5th Ed., & Bentley's.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Ross Taylor & Co.	Batavia. Sourabaya.	Taybal Batavia. Roscot Sourabaya	A. B. C. code 5th Ed., Broomhall's Imp. Combination, Bentley's code, Scott's code, 10th Ed.; Western Union, (Universal Ed.)
Internationale Crediet- en Handelsvereniging „Rotterdam”.	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong. Rotterdam. Singapore.	Internatio.	A-1 code, A. B. C. code 5th Ed.
Rotteveel & Ygile.	Weltevreden.	Rotily.	A. B. C. code 5th Ed.
Rowley Davies & Co. Ltd.	Batavia. London.	Hillrow.	A. B. C. code 5th Ed., A-1 code, Bentley's, Mercury-, and Private codes.
Handel Maatschappij Rupe & Colenbrander.	Indramajoe.	Rupe.	A. B. C. code 4th Ed.
Handel & Scheepvaart Maatschappij „Samarinda”	Samarinda.	Swaab.	A. B. C. code 4th and 5th Edition.
N.V. Handel Maatschappij J. Schaier.	Macassar.	Schaier.	A. B. C. code 5th Ed., Lieber's code, Voller's code.
A. Schmid.	Batavia.	Schmid.	—
Schmid & Jeandel	Macassar.	Schmidarm.	A. B. C. code 5th Ed., Centrum Standard 1907, Lieber's code, Private codes.
N.V. Exploitatie Maatschappij Sindang Radja.	Batavia. Indramajoe. Soemedang.	—	—
N.V. Handel Maatschappij G. H. Slot & Co.	Batavia. Belawan. Medan. Samarang. Sourabaya.	Slot.	A. B. C. code 5th Ed.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Société Financière des Caoutchoucs.	Medan. Antwerp.	Rubberbank Medan.	Lieber's code A. B. C. code, 5th Edition; Broomhall's Rubber Edition.
N.V. Soerabaya Handel & Cultuur Maatschappij.	Sourabaya. Haarlem.	Redeker Sourabaya. Mulder Nieuwe gracht Haarlem.	A. B. C. code 5th Edition.
Ned. Ind. Spiritus Maatschappij.	Sourabaya.	Landbouw.	A. B. C. code 5th Edition.
Staab & Co's Handel Maatschappij.	Sourabaya. Rotterdam.	Staab.	A. B. C. code 5th Edition.
Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja. London.	Johannes. Stephens.	A. B. C. code 5th Edition, Premier code, Western Union, Private code.
Stephens en Gregory.	Macassar.	—	—
H. Suhl.	Pontianak.	Suhl Pontianak.	A. B. C. code 5th Edition, Lieber's Standard code.
Sumatra Trading Company Ltd.	Padang.	Sutracolt.	A. B. C. code 5th Edition.
N.V. Ned. Ind. Tabak Cultuur- en Handel Maatschappij.	Sourabaya.	Kissing.	A. B. C. code 4th Edition, Mercury code 2d Ed.
N.V. Handel Maatschappij „Transoceana”.	Sourabaya. Rotterdam. Buenos-Aires (Argentine)	—	—
Tiedeman & van Kerchem.	Batavia. Sourabaya. Amsterdam.	Sterling. Duab.	—
Spiritusfabriek en Arakstokerij „Tjomal”.	Pekalongan.	Tjomal.	A. B. C. code 5th Edition, Mercury code.
N.V. Vereenigde Tjimanoekefabrieken.	Indramajoe.	Jacometti.	A. B. C. code 5th Edition, Mercury code 3d Ed.
N.V. „Tokra”.	Padang.	Tokra.	A. B. C. code 5th Ed.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
The Trading Company.	Batavia. Calcutta. Colombo. Hankow. London. Moscow.	Gubkus.	A. B. C. code 5th Ed.
Veerkamp & Co.	Pekalongan.	Veerkamp.	Mercury code 3d Ed. A.B. C. code 5th Ed.
Vis & Co.	Batavia.	—	—
Voorhoeve & Co.	Sourabaya.	Voorruys.	A. B. C. code 5th Ed., Private codes.
Gebroeders Veth.	Macassar. Padang. Amsterdam.	Veth.	A. B. C. code 4th and 5th Ed., Private codes.
J. A. Wattie Co. Ltd.	Sourabaya. London. Shanghai.	—	—
N.V. „Van Waveren's Graanhandel”.	Sourabaya. Buenos-Aires. Haarlem. New York.	Waverius. Sourabaya.	A. B. C. code 5th Ed.
Geo Wehry & Co.	Batavia. Cheribon. Padang. Samarang. Sourabaya. Tjilatjap. Amsterdam.	Wehry.	A. B. C. code 5th Ed., Western Union code.
Wellenstein Krause & Co.	Batavia. Samarang. Sourabaya.	Krause.	A. B. C. code 5th Ed., Mercury 3d., A-I code, Private codes.
Klapperoliefabriek „Wilhelmina”.	Pontianak.	—	—
Zorab Mesrope & Co.	Sourabaya. Singaradja.	Araxes. Hacobian.	A. B. C. code 5th Ed., Premier code, Private codes.

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Handel Maatschappij „Kwik Hoo Tong”.	Samarang.		
Handel Maatschappij Goei Keh Sioe.	Samarang.		
Handel Maatschappij Oei Tjoe.	Samarang.		
Handel Maatschappij The Ing Tjiang.	Samarang.		
Handel Maatschappij Tjoe Tik.	Sourabaya.		
Tio Wan Kie.	Sourabaya.		
Goo Hoo Swie.	Sourabaya.		
Handel Maatschappij „Hap Kie”.	Sourabaya.		
Handel Maatschappij „Hap Thay”.	Sourabaya.		
Kwong Wing Ching.	Sourabaya.		
Kwong Sang Choy.	Sourabaya.		
Handel Maatschappij „Kian Gwan”.	Batavia. Samarang. Sourabaya.		
Handel Maatschappij „Hap Tik”.	Sourabaya.		
Oei Tjoe San & Co.	Padang.		
T. H. Nio.	Padang.		
Gho Tong Goan.	Padang.		
Handel Maatschappij „Injo Tjieng Hong”.	Padang.		
Vap Tjiang Seng.	Macassar.		
Ting Tjam & Co.	Macassar.		
Handel Maatschappij „Sen Boen”.	Macassar.		

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Oei Sioe Tjoan.	Macassar.		
Njo Tjin Sioe & Co.	Macassar.		
Gie Kie Tjan.	Macassar.		
Hin Djik.	Macassar.		
Oei Leang Giok.	Macassar.	Oeileanghiok.	A. B. C. 5th Ed. A-1 code.
An Jong Peng merk Tjin Heng & Co.	Tebing Tinggi.		
A Liong Bie.	Siak Sri Indra- poera.		
Ban Seng.	Tandjong Tiram.		
Chin Bee.	Tandjong Tiram.		
Djoe Hong.	Tandjong Balei.		
Gie Hap Hoo.	Pematang Siantar.		
Go An Kok, merk An Ki.	Bindjey.		
Go Tjian Lek merk Tong Gnan Lieng.	Bindjey.		
Go Tjian Djin merk Tong Gnan Hin.	Bindjey.		
Goh Gang merk Hap Kie	Tandjong Bringin.		
Goean Hong Hoat.	Selat Pandjang.		
Goean Hoeat Tjan.	Bengkalis.		
Hap Tjiong.	Bagan Api Api.		
Hap Kie.	Bagan Api Api.		
Hoat Tjoen.	Selat Pandjang.		
Ho Bie.	Tandjong Balei.		
Hock Tieng.	Bengkalis.		
Hok Soen Seng.	Tandjong Balei.		

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Hok Lie Kie.	Bagan Api Api.		
Hok Lie Goean.	Bengkalis.		
Ing Hong Hin.	Selat Pandjang.		
Jap Eng Thoean merk Thong Bie.	Tandjong Poera.		
Jap Tjai Tjeng merk Sin Hap Goan.	Medan.		
Joe Koean Joe merk Kong Ban Lee.	Pangkalan Brandan.		
Kiam Lam.	Bagan Api Api.		
Kian Tjoean.	Selat Pandjang.		
Kian Goean.	Selat Pandjang.		
Khoe Teng Tjan.	Medan.		
Kim Seng Tai.	Bagan Api Api.		
Kim Ho Seng.	Selat Pandjang.		
Kim Hok Lie.	Bengkalis.		
Kim Ban Liong.	Bagan Api Api.		
Kim Bo Hin.	Bagan Api Api.		
Kwee Ji Sioe merk Thoeng Hin.	Pangkalan Brandan.		
Law Tiam Hok merk Tjin Hoeat Seng.	Tandjong Poera.		
Lie Seng.	Bagan Api Api.		
Lie Tjoean Soei.	Bindjey.		
Lie Phie See merk Lie Seng Hoat.	Medan.		
Lim Kheng Hoen.	Bengkalis.		
Lim Kheh.	Bengkalis.		

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Lim Kim Tjia merk Sin Tek Hoat.	Medan.		
Lioe Eng Kon merk Siang Meh & Co.	Medan.		
Loei Ai Tjong merk Hock Soen Teong.	Medan.		
Lo Po Hak merk Kon Kie.	Pangkalan Brandan.		
Oei Kie Lin. Go Toei Nie.	Bengkalis.		
Oei Han Teong merk Lian Teong & Co.	Medan.		
On Oei merk Goean Bie.	Tandjong Poera.		
Peng Kie Tjan.	Bengkalis.		
Sam Heng.	Laboean Bilik.		
San Seng Tia merk Ban Gnan.	Bindjey.		
Sauw Eng Hoey merk Tjin Bie.	Medan.		
Seh Lim Thoeah merk Hap Tjoen.	Tandjong Poera.		
Seng An.	Laboean Bilik.		
Seng Hin.	Tandjong Balei.		
Seng Hoat Tjan.	Pematang Siantar.		
Seng Hong.	Tandjong Balei.		
Seng Soon Hock.	Laboean Bilik.		
Seng Soon Hock.	Tandjong Balei.		
Sin Eng Hong.	Siak Sri Indra-poera.		
Sing Gim Seng.	Tandjong Tiram.		
Sin Tjin Hin.	Siak Sri Indra-poera.		

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Soei Bie.	Selat Pandjang.		
Soen Seng.	Bagan Api Api.		
Soe Hoe.	Pematang Siantar.		
Swie Hong.	Bengkalis.		
Tan Kim Toei merk Sin Teng Djie.	Bindjey.		
Tan Ma Sing.	Pematang Siantar.		
Tan Tjiong.	Bengkalis.		
Tan Hiong Hok.	Brastagi.		
Tan A Peng.	Brastagi.		
Thay Lie.	Bagan Api Api.		
Tek Hong.	Selat Pandjang.		
Thie Ket Hoei merk Goan Hoat.	Medan.		
Tie Hin.	Laboean Bilik.		
Tjia Huat Kie merk Tong Joe.	Tebing Tinggi.		
Tjan Ban Tjeng.	Bengkalis.		
Tjai Seng.	Bagan Api Api.		
Tjai Ho Hin.	Tandjong Balei.		
Tjiang Tjiat To merk Gnan Hiap Bie.	Bindjey.		
Tjhoen An.	Pematang Siantar.		
Tjing Tjim merk Liong Kie.	Tandjong Poera.		
Tjing Phong merk Ek Seng.	Tandjong Poera.		
Tjin Hok.	Tandjong Balei.		
Tjin Hock Hin.	Laboean Bilik.		
Tjin Djoe Hin.	Laboean Bilik.		

N A M E.	OFFICES.	Telegraphic address.	C O D E S.
Tjim Hin.	Bengkalis.		
Tjin Liong.	Bagan Api Api.		
Tjin Hing.	Selat Pandjang.		
Tjon Liong.	Bagan Api Api.		
Tong Tji Kongsie.	Selat Pandjang.		
Tong Tek.	Selat Pandjang.		
Vap Miang.	Brastagi.		
Veap Ean Tjian merk Heap Hein.	Medan.		
Veap Nai Tjieng merk Hock Lam Tjiong.	Medan.		

Alcohol and Arrack.

Alcohol and arrack are obtained from molasses by fermentation and distillation.
Exports from Java amounted to:

(Quantity-1000 Litres.)

	1915.	1916.	1917.	1918.
Alcohol :	17.542	17.630	5.114	4.713
Arrack :	1.218	528	103	13

EXPORTED ARTICLES.

ARTICLES.	EXPORTERS.	
I. Alcohol and arrack.	N. V. Ament's Suikerfabrieken.	Bandoeng. Cheribon.
	Ned.-Ind. Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co., Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	N. V. Spiritusfabriek "Brantas".	Sourabaya.
	Burns Philip & Co. Ltd.	Samarang. Sourabaya.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	G. Dittrich.	Sourabaya.
	Spiritusfabriek "Groedo".	Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned.-Ind. Handel-, Industrie- en Cultuur- Maatschappij.	Batavia.
	N. V. Handel Maatschappij v/h. Hoedt & Co.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.

Tapioca flour.

All tapioca flour exported from the Neth.-East-Indies is prepared in the island of Java. Especially in East Java, but also in West Java, preparation of this product has developed into an extremely important industry for Europeans as well as for natives.

A distinction is made, according to the method of preparation, between two classes of tapioca flour, viz. kampong flour (kampong means native village) and factory flour, both of which are sub-divided into various qualities.

The chief consumers of the product are Great Britain and the United States of America although important quantities were in pre-war times, also sent to France and Holland.

The following figures show the exports of tapioca flour from Java during the last 4 years.

(Quantity-1000 kilos)			
1915.	1916.	1917.	1918.
43.849	59.630	50.298	19.792

ARTICLES.	EXPORTERS.	
Alcohol and arrack. (Contd.)	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	J. C. Jordan & Co.	Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Internationale Crediet en Handels vereeniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Nederlandsch-Indische Spiritus Maatschappij.	Cheribon. Sourabaya.
	Spiritusfabriek en Arakstokerij "Tjomal".	Pekalongan.
	Geo Wehry & Co.	Batavia. Cheribon. Samarang. Sourabaya. Tjilatjap.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
II. Cassave products. Tapioca flour.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereeniging.	Batavia. Sourabaya.
	N. V. Ned.-Ind. Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Handelsvereeniging "Amsterdam".	Sourabaya. Medan.
	Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap.

ARTICLES.	EXPORTERS.	
Tapioca flour (Contd.)	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	The Borneo Company Ltd.	Batavia. Sourabaya.
	Borneo Sumatra Handel Maatschappij	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan (Billiton).
	Eugen Boisssevain en Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Catz American Co. Inc.	Batavia.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Harrisons & Crosfield.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.

ARTICLES.	EXPORTERS.	
Tapioca flour. (Contd.)	Ned.-Ind. Handel, Industrie- en Cultuur Maatschappij.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	N.V. Indische Handels Compagnie.	Batavia. Cheribon. Samarang. Sourabaya.
	N.V. Indische Handels Maatschappij	Sourabaya.
	Henderson Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Joakim & Co.	Sourabaya.
	N. V. Java Import Export Corporatie.	Sourabaya.
	Handelsmaatschappij Java Oversea Company.	Batavia.
	MacLaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Tapioca flour. (Contd.)	S. L. van Nierop & Co's Handel Maatschappij.	Batavia. Cheribon. Medan. Samarang. Sourabaya.
	N. V. Import en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya.
	Van Heusden Schwalbach & Co's Handel Maatschappij.	Batavia.
	Sarkies, Edgar & Co.	Sourabaya.
	A. Schmid.	Batavia.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	N.V. Handelmaatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam Batavia Handelsvereniging.	Batavia. Sourabaya.
	Handelsvereniging "Amsterdam".	Sourabaya. Medan.
Tapioca flake, pearl, seeds etc.		

Tapioca flake, pearl, etc.

Following the example of the Straits Settlements and other countries, tapioca manufacturers in Java are preparing from the wet flour: tapioca flake, pearl, seeds etc.

Only pure white flour of prime quality is used for the preparation of these grades, as a yellow product is less in demand and at a discount.

During the last 4 years the exports from Java amounted to:

(Quantity — 1000 Kilos).

	1915.	1916.	1917.	1918.
Tapioca flake	5.466	6.215	13.007	4.797
" pearl and seeds	460	1.185	4.812	3.396

ARTICLES.	EXPORTERS.	
Tapioca flake, pearl, seeds etc. (Contd)	N. V. Nederlandsch-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Eugen Boissevain & Co Inc.	Batavia.
	Boden & Co.	Batavia.
	The Borneo Company Ltd.	Batavia. Sourabaya.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Chater & Co.	Sourabaya.
	Choya & Co Ltd.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Harrisons & Crosfield Ltd.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.

ARTICLES.	EXPORTERS.	
Tapioca flake, pearl, seeds, etc. (Contd.)	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handelmaatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	Maclaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Batavia. Cheribon. Medan. Samarang. Sourabaya.

**Dried cassava roots
("Gaplek").**

The dried roots of the cassavaplant were in pre-war period exported from Java in large quantities. For this purpose the roots are first pared, then split lengthwise into four parts, which are again sliced into 3 or 4 pieces, three, four or five inches long and 1½ to 2 inches thick, according to the size of the roots.

These slices are dried by exposing them 5 to 6 days or longer to the sun, and as they contain a large percentage of moisture, the loss in weight is considerable.

In Europe and elsewhere the dried cassava roots ("gaplek") are used for the preparation of cattle-fodder, but also, like potatoes, for the distillation of cheap alcohols.

The exported quantities during the last 4 years amounted to:

(Quantity-1000 kilos)

1915.	1916.	1917.	1918.
31.457	8.378	1.522	128

ARTICLES.	EXPORTERS.	
Tapioca flake, pearl, seeds, etc. (Contd.)	N. V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Sarkies, Edgar & Co.	Sourabaya.
	A. Schmid.	Batavia.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam Batavia Handelsvereniging.	Batavia. Sourabaya.
Dried Cassava roots. (Gaplek).	N. V. Nederlandsch-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap.

ARTICLES.	EXPORTERS.	
Dried cassava roots. (Contd.)	S. & W. Birnbaum.	Batavia.
	Boasson & Van Overzee.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia.
	The Borneo Company Limited.	Batavia. Sourabaya.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie & Cultuur Maatschappij.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Harrissons & Crosfield Ltd.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.

ARTICLES.	EXPORTERS.	
Dried cassava roots. (Contd.)	Jacobson van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maclaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	S. L. van Nierop & Co.'s Handel Maatschappij.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import- & Export Maatschappij voorheen Plate en Van Heusde.	Sourabaya.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.

Tapioca waste.

The waste from the manufacture of tapioca flour, consisting of the pulp retained by the sieves, is collected and dried. This article still contains a certain percentage of starch, and is shipped for preparation of cattle fodder and for use in starch factories.

From 1915 till 1918 the total exports were:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
2.613	912	104	12

ARTICLES.	EXPORTERS.	
Dried cassava roots. (Contd.)	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co	Pekalongan.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam Batavia Handelsvereniging.	Batavia. Sourabaya.
	Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap.
	S. & W. Birnbaum.	Batavia.
Tapioca waste.	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia.
	The Borneo Company Limited.	Batavia. Sourabaya.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Tapioca waste. (Contd.)	Guthrie & Co. Ltd.	Medan.
	Harrisons & Crosfield Ltd.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	MacLaine Watson & Co.	Batavia.
	Mirandolle, Voûte & Co.	Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	N. V. Import en Export Maatschappij voorheen Plate en Van Heusde.	Sourabaya.

ARTICLES.	EXPORTERS.	
Tapioca waste. (Contd.)	L. Platon.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	The Anglo Dutch Estates Agency Ltd.	Belawan. Medan. Sourabaya.
	Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia. Palembang.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.

III. Cocoabeans.

Cocoabeans.

The cultivation of cocoa is chiefly confined to Central Java, and remains practically stationary.

Export of cocoabeans from Java amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
1.482	1.285	1.555	806

ARTICLES.	EXPORTERS.	
Cocoabeans. (Contd.)	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	F. H. Gruyter.	Banjoewangi.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrissons & Crosfield Ltd.	Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson Keulemans Co.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N. V. Indische Handel Maatschappij.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Samarang.

Coffee.

Coffee is principally grown in the mountainous parts of Java. For centuries one variety only (the so called: *Coffea arabica*) was cultivated, and from this in the course of time various hybrids developed, now named after the district of origin i.e. Malang, Menado, Padang, and Ajer Bangis type. When, about 1880, the coffee-leaf disease spread over the whole of Java, other specimens, which it was hoped would withstand the disease, were introduced.

Liberia coffee at first appeared to offer great resistance, but in later years it was found that the leafmould had adapted itself to this new type also. Robusta coffee was introduced about 1900, and having so far shown little susceptibility to the disease, is now being grown extensively, both in Java and the outlying Islands. Quillou, Uganda and Excelsa coffee are also cultivated, but Robusta now supplies the greater part of the total crop.

The exports from the Netherlands-East-Indies are as follows:

(Quantity—1000 Kilos).

	1913.	1914.	1915.	1916.	1917.	1918.
Coffee, peeled	23.553	28.307	45.079	30.756	16.383	7.295
„ unpeeled	2.271	1.901	2.408	7	—	4
„ berries	195	216	743	433	15	1

ARTICLES.	EXPORTERS.	
Cocoabeans. (Contd.)	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Bank.	Samarang. Sourabaya.
	H. Levison.	Padang.
	MacLaine Watson & Co.	Batavia.
	Mac. Neill & Co.	Samarang. Tjilatjap.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Cheribon. Medan. Samarang. Sourabaya.
	W. P. Phipps & Co.	Batavia.
	Pitcairn, Syme & Co.	Batavia. Samarang. Sourabaya.
	N. V. Import & Export Maatschappij voorheen Plate en Van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.

ARTICLES.	EXPORTERS.	
Cocoabeans. (Contd.)	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	J. A. Wattie, & Co. Ltd.	Sourabaya.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
IV. Coffee.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam Batavia Handelsvereniging.	Batavia. Sourabaya.
	Handelsvereniging "Amsterdam".	Belawan. Medan. Sourabaya.
	The Anglo Dutch Estates Agency Ltd.	Belawan. Medan. Sourabaya.
	Atjehsche Handel Maatschappij.	Koeta Radja. Kwala Simpang. Langsar. Lho Seumawe. Sabang. Segli. Tapa Toean.
	Ned. Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Crediet- & Handelsvereniging "Banda".	Amboina. Banda. Ternate.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	Bataviasche Koffie-Sorteer- en Pelinrichting.	Batavia.
	N. V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & Van Overzee.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia. Palembang.
	Borneo-Sumatra Handel Maatschappij.	Palembang.
	Burns Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Société Financière des Caoutchoucs.	Medan.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Belei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	G. Dittich.	Sourabaya.
	Edgar & Co.	Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Francis Peek & Coy. Ltd.	Batavia. Sourabaya.
	Fraser, Eaton & Co.	Sourabaya.
	Galestin, & Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Handel Maatschappij Güntzel & Schumacher.	Belawan. Batang Taro. Laboean Bilik. Loeboeq Pakam. Langsar. Pematang Siantar. Medan. Sabang. Sibolga. Tandjong Balei. Tandjong Poera. Taroetoeng. Tebing Tinggi.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hard & Rand.	Batavia.
	Harrissons & Crosfield Ltd.	Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland Straits Trading Coy.	Medan.
	Hollandsche Handel Maatschappij.	Batavia.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Van Houten, Steffan & Co.	Padang.
	Indische Handels Maatschappij.	Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Maatschappij "Hap Thay".	Sourabaya.
	Maatschappij "Hap Tik".	Sourabaya.
	Henderson Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	N. V. Java Import Export Corporatie.	Sourabaya.
	J. C. Jordan & Co.	Sourabaya.
	Handel Maatschappij "Kian Gwan".	Sourabaya.
	Handel Maatschappij v/h. Kerkhoff & Co.	Medan. Samarang.
	Koloniale Bank.	Samarang. Sourabaya.
	Maatschappij voor Koloniale Ondernemingen.	Medan.
	N. V. Medansche Handel Maatschappij v/h. Th. Konow Soeberg & Co.	Medan. Tandjong Poera.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	W. B. Ledeboer & Co.	Macassar. Menado. Gorontalo.
	H. Levison.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.
	Maclaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Merauke Compagnie.	Merauke.
	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrman & Co.	Macassar. Menado.
	Moluksche Handelsvereniging.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Ampenan. Sourabaya.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	N. V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	S. L. van Nierop & Co's Handel Maatschappij.	Cheribon. Medan. Samarang. Sourabaya.
	Von Nordheim & Co.	Batavia.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Handels Compagnie "Padang".	Padang. Sibolga.
	Société Culture de Panoulisan.	Bandoeng.
	Pitcairn Syme & Co.	Batavia. Samarang. Sourabaya.
	W. P. Phipps & Co.	Batavia.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import- & Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	Compagnie Commerciale "La Ratoe".	Batavia.
	N. V. Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Remedios Brothers.	Sourabaya.
	Anton Roos.	Pangkalan Brandan.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	Rotteveel en Ygille.	Weltevreden.
	Rowley Davies & Co. Ltd.	Bandoeng. Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Sarkies, Edgar & Co.	Sourabaya.
	Schmid & Jeandel.	Macassar.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Belawan. Medan. Samarang. Sourabaya.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	The Sumatra Trading Co. Ltd.	Padang.
	Tiedeman & Van Kerchem.	Batavia. Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	A Liong Bie.	Siak Sri Indrapoera.
	Go Tjian Lek merk Tong Guan Lieng.	Bindjey.
	Go Tjian Djin merk Tong Guan Hin.	Bindjey.
	Go An Kok merk An Ki.	Bindjey.
	Goean Hoeat Tjan.	Bengkalis.
	Hock Tieng.	Bengkalis.
	Hok Lie Kie.	Bagan Api Api.
	Hok Lie Goean.	Bengkalis.
	Hoat Tjoen.	Selat Pandjang.
	Hap Kie.	Bagan Api Api.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	Hap Tjong.	Bagan Api Api.
	Ing Hong Hin.	Selat Pandjang.
	Jap Eng Thoean merk Thong Bie.	Tandjong Poera.
	Joe Koean Joe merk Kong Ban Lee.	Pangkalan Brandan.
	Oei Han Teong merk Lian Teong & Co.	Medan.
	Kiam Lam.	Bagan Api Api.
	Kian Tjoean.	Selat Pandjang.
	Kim Ban Liong.	Bagan Api Api.
	Kim Bo Hin.	Bagan Api Api.
	Kian Goean.	Selat Pandjang.
	Kim Hok Lie.	Bengkalis.
	Kim Seng Tai.	Bagan Api Api.
	Kim Ho Seng.	Selat Pandjang.
	Kwee Ji Sioe merk Thoeng Hin.	Pangkalan Brandan.
	Lo Po Hak merk Kou Kie.	Pangkalan Brandan.
	Lie Tjoean Soei.	Bindjey.
	Lim Kheh.	Bengkalis.
	Lim Kheng Hoen.	Bengkalis.
	Lie Seng.	Bagan Api Api.
	Law Tiam Hok merk Tjin Hoeat Seng.	Tandjong Poera.
	On Oei merk Goean Bie.	Tandjong Poera.
	Oei Kie Lin.	Bengkalis.
	Peng Kie Tjan.	Bengkalis.
	San Seng Tia merk Ban Guan.	Bindjey.
	Seh Lim Thoeah merk Hap Tjoen.	Tandjong Poera.
	Seng Hoat Tjan.	Pematang Siantar.
	Sin Eng Hong.	Siak Sri Indrapoera.

ARTICLES.	EXPORTERS.	
Coffee. (Contd.)	Soei Bie.	Selat Pandjang.
	Swie Hong.	Bengkalis.
	Soen Seng.	Bagan Api Api.
	Soen Hoe.	Pematang Siantar.
	Sin Tjin Hin.	Siak Sri Indrapoera.
	Tan Hiong Hok.	Brastagi.
	Tjim Hin.	Bengkalis.
	Tjiang Tjia To merk Guan Hiap Bie.	Bindjey.
	Tjhoen An.	Pematang Siantar.
	Tjan Ban Tjeng.	Bengkalis.
	Tjai Seng.	Bagan Api Api.
	Thie Ket Hoei merk Goan Hoat.	Medan.
	Thay Lie.	Bagan Api Api.
	Tek Hong.	Selat Pandjang.
	Tan Kim Toei merk Sin Teng Djie.	Bindjey.
	Tan Tjiong.	Bengkalis.
	Tan Ma Sing.	Pematang Siantar.
	Tjin Liong.	Bagan Api Api.
	Tong Tek.	Selat Pandjang.
	Tong Ti Kongsie	Selat Pandjang.
	Tjon Liong.	Bagan Api Api.
	Tjin Hing.	Selat Pandjang.
	Tjing Tjim merk Liong Kie.	Tandjong Poera.
	Tjing Phong merk Ek Seng.	Tandjong Poera.
	Tan A Peng.	Brastagi.
	Vap Miang.	Brastagi.

ARTICLES.	EXPORTERS.	
V. Drugs, Spices, Dyes, Tanning Materials, Gums and Resins. (Cassia fistula.)	Algemeene Handels Compagnie.	Sourabaya.
	Burns Philp & Co.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Ind Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Haacke & Co.	Padang.
	N. V. Tokra.	Padang.
	Veerkamp & Co.	Pekalongan.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	J. A. Wattie & Co.	Sourabaya.
	Geo Wehry & Co.	Batavia. Cheribon. Padang. Samarang. Sourabaya. Tjilatjap.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
	Oh Tjien Hong (Hoo Bie).	Sourabaya.
	Handel Maatschappij Hap Tik (Tjio Po Nie).	Sourabaya.

Cassia fistula.

The pods of Cassia fistula are employed for medicinal purposes.
The exports from the Neth.-East-Indies amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
86	16	4	17

ARTICLES.	EXPORTERS.	
Cassia fistula. (Contd.)	Handel Maatschappij Hap Thay.	Sourabaya.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland China Trading Co.	Muntok.
	Henderson Keulemans Co.	Batavia.
	Joakim & Co.	Sourabaya.
	J. C. Jordan & Co.	Sourabaya.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Michael Stephens & Co.	Macassar. Ampenan.
	Handelsvereniging v/h. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Compagnie Commerciale "La Ratoe".	Batavia.
	N. V. Import & Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Schmid & Jeandel.	Macassar.

Cinnamon Barks.

Cinnamon barks occupy a fairly important position among the spices produced by this Colony. The barks are obtained from trees of the Cinnamon species, the noblest representative of which, the *C. Zeylanicum*, is however only cultivated at present on a small scale on some European owned plantations. Other good species are also grown and in addition thereto the Netherlands-East-Indies possess a cinnamon tree of high value, viz. the *C. Burmanni*, which is found in a wild state throughout the Malay-Archipelago.

The *C. Cassia* or genuine Chinese cinnamon-tree contributes a trifling quantity only to the total crop.

In the statistics given below the cinnamon and allied barks are shown under the same heading.

The exports amounted to:

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
1.255	1.996	942	904

ARTICLES.	EXPORTERS.	
<i>Cassia fistula.</i> (Contd.)	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	Stephens & Gregory.	Macassar.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
<i>Cassia vera.</i>	Voorhoeve & Co.	Sourabaya.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Eugen Boisevain & Co. Inc.	Batavia.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Haacke & Co.	Padang.
	Handels Compagnie "Padang".	Padang. Sibolga.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie en Cultuur Maatschappij.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland China Trading Co.	Muntok.
	Van Houten, Steffan & Co.	Padang.

ARTICLES.	EXPORTERS.	
Cassia vera. (Contd.)	Henderson, Keulemans & Co.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar.
	Handelsvereniging v/h. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Ampenan. Padang. Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Handels Compagnie "Padang".	Padang. Sibolga.
	N. V. Import- en Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Internationale Crediet- & Handelsvereniging "Rotterdam".	Samarang.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya. Belawan. Medan.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.

ARTICLES.	EXPORTERS.	
Cassia vera. (Contd.)	Stephens & Gregory.	Macassar.
	Sumatra Trading Company Ltd.	Padang.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Cho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
	Oei Tjoe San & Co.	Padang.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Eugen Boissevain & Co. Inc.	Batavia.
Coccolaves.	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Fraser, Eaton & Co.	Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	N. V. Java-Import Export Corporatie.	Sourabaya.
	Koloniale Bank.	Samarang. Sourabaya.

Cocaleaves.

Coca-shrubs have been planted in Java on several estates, mostly as subsidiary crop.

The exports of cocaleaves from Java amounted to:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
1.089	408	272	662

and were, till 1916, consigned for the greater part to Holland only, for sale in the auctions held at Amsterdam.

In 1918, 407.949 Kilos were shipped to the United States of America.

Cloves.

The cultivation of cloves in Java is of minor importance, the only shipments of importance being those from the original home of the clove, the islands of Amboina and Saparoea (Moluccas). The total quantity exported from the Neth. East-Indies only seldom exceeds 100 tons per annum, but represents the very best quality. Nearly all of this was in the pre-war period shipped to Singapore or to Holland, only small quantities, finding their way direct to the United States of America.

The exports from the Neth. East-Indies amounted to:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
109	119	98	59

ARTICLES.	EXPORTERS.	
Cocaleaves. (Contd.)	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang, Sourabaya.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	N. V. Import- & Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Tiedeman & Van Kerchem.	Batavia. Sourabaya.
	J. A. Wattie & Co. Ltd.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
Cloves.	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	N.V. Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Cloves. (Contd.)	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Francis Peek & Co. Ltd.	Bandoeng. Batavia. Sourabaya.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Harrisons & Crosfield.	Bandoeng. Batavia. Medan.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Padang. Samarang. Sourabaya.
	N. V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.

ARTICLES.	EXPORTERS.	
Cloves. (Contd.)	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson, Keulemans Co.	Batavia.
	Handelmaatschappij Injo Tjeng Hong.	Padang.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Joakim & Co.	Sourabaya.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Handel Maatschappij Java Oversea Company.	Batavia.
	MacLaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.

ARTICLES.	EXPORTERS.	
Cloves. (Contd)	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	A. Schmid.	Batavia.
	Schmid & Jeandel.	Macassar.
	N.V. Handel Maatschappij G. H. Slot & Co.	Batavia. Belawan. Medan. Samarang. Sourabaya.
	Slaab & Co's Handel Maatschappij.	Sourabaya.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar. Ampenan. Singaradja.
	The Sumatra Trading Co. Ltd.	Padang.
	N.V. Handelmaatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.

ARTICLES.	EXPORTERS.	
Cubebs.	Algemeene Handels Compagnie.	Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H.G.Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Padang. Samarang. Sourabaya.
	Maatschappij voor Handel & Industrie.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Mc. Neill & Co.	Samarang.

Cubebs.

Cubebs occupy an important position in pharmacy. This product has been exported from the Neth.-East-Indies in the following quantities.

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
133	107	101	95

ARTICLES.	EXPORTERS.	
Cubebs. (Contd.)	Maclaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Michael Stephens & Co.	Ampenan. Macassar.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N.V. Import- & Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	N.V. Handel Maatschappij G. H. Slot & Co.	Batavia. Belawan. Medan. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Cho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.

Nutmegs and mace.

The nutmeg tree is indigenous in the Moluccas, but was originally confined to the islands Amboina and Banda. In the latter island nutmegs have been grown by Europeans for centuries past. In Java also it is a fairly important crop on European estates, but elsewhere e.g. in North-East-Celebes and adjacent islands, in the Moluccas (with the exception of the Bandagroup) and on the Westcoast of Sumatra, the tree is grown by the natives around their dwellings.

When ripe, the pear-shaped fruit shows the nut enveloped in the carmine coloured arillus. The latter is carefully detached from the nuts and, after being flattened and dried, is sold as mace.

The nuts from which the mace has been removed, are dried for four to six weeks over a slow fire till they begin to rattle.

Decorticated nuts are assorted with great care. The full and sound ripe nuts are separated from the so-called wrinkled ones. The third grade includes broken, damaged and worm-eaten nuts.

After having been graded according to quality, the nuts are assorted according to size. If they are exceptionally fine, 60 large Banda nuts will go to the 1/2 Kilo, but as a rule 75 of the best quality or from 190 to 250 of the smallest kind will go to that weight.

Wrinkled nuts are divided into two qualities according to the depth of the wrinkles.

When the sorting is complete, the nuts are limed, i.e. they are put in baskets which are dipped into lime-water.

The object of this liming is to protect the nuts against insects.

The nuts in husks are, for the greater part, sent to Singapore, and the remainder to the Netherlands, England, the United States, etc.

The exports of *nutmegs* from the Netherlands-East-Indies totalled as follows:

(Quantity — 1000 Kilos).

	1915.	1916.	1917.	1918.
In husk	1.479	2.069	1.734	1.578
Decorticated	1.442	2.139	1.138	750

The exports of *mace* from the Netherlands-East-Indies amounted to:

(Quantity — 1000 Kilos).

	1915.	1916.	1917.	1918.
	509	713	499	386

The *Myristica fragrans* is the only nutmeg tree cultivated on a large scale in this Colony. Apart from this there is an other kind which is found growing wild in Dutch New Guinea. The nut from this tree is also marketed and known as Papua or long nutmeg. Its mace, although less aromatic than that from Banda is nevertheless an excellent spice. This Papua-mace which is marketed the greater part via Macassar must be distinguished from other so called maces which have the same appearance as the genuine article, but lack its properties as a spice. The trade in these inferior nuts and maces is not very important.

ARTICLES.	EXPORTERS.	
Mace.	Algemeene Handels Compagnie.	Sourabaya.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	N.V. Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H.G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.

ARTICLES.	EXPORTERS.	
Mace. (Contd.)	Maatschappij voor Handel- en Industrie.	Padang.
	Harrisons & Crosfield.	Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	G. Hoppenstedt.	Batavia. Padang. Cheribon. Samarang. Sourabaya.
	Henderson, Keulemans Co.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N.V. Java Import Export Corporatie.	Sourabaya.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelmaatschappij Java Oversea Company.	Batavia.
	Koloniale Bank.	Samarang. Sourabaya.
	W. B. Ledeboer & Co.	Gorontalo Macassar. Menado.
	H. Levison.	Padang.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.

ARTICLES.	EXPORTERS.	
Mace. (Contd.)	Mc. Neill & Co.	Samarang. Tjilatjap.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Menado. Gorontalo. Djambi. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Obi Gom Compagnie.	Doro Lemo. Kau. Laiwoei. Ternate.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Ross, Taylor & Co.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Mace. (Contd.)	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	A. Schmid.	Batavia.
	Schmid & Jeandel.	Macassar.
	N.V. Handel Maatschappij G.H. Slot & Co.	Batavia. Belawan. Medan. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	The Sumatra Trading Co. Ltd.	Padang.
	N.V. Handelmaatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
Nutmegs.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.

ARTICLES.	EXPORTERS.	
Nutmegs. (Contd.)	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Firma H.G. Th. Crone.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handelscompagnie v/h. Dircks & Co.	Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Harrisons & Crosfield Ltd.	Batavia. Medan.

ARTICLES.	EXPORTERS.	
Nutmegs. (Contd.)	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	G. Hoppenstedt.	Batavia. Cheribon. Padang. Samarang. Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	N. V. Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Compagnie.	Batavia.
	Joakim & Co.	Sourabaya.
	Koloniale Bank.	Samarang. Sourabaya.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	H. Levison.	Padang.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Nutmegs. (Contd.)	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Gorontalo. Menado. Djambi. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Obi Gom Compagnie.	Ternate. Kau. Laiwoei. Doro Lemo.
	L. Platon.	Batavia. Sourabaya.
	N.V. Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.

Pepper.

Black and white pepper are products of a creeper which is cultivated chiefly in Borneo, Sumatra and the surrounding minor islands.

Java, which once upon a time was a most important centre of production now hardly supplies any pepper at all. Batavia at present only acts as an export-centre for the pepper grown in Sumatra, Banka and elsewhere, and although very large quantities are exported from Batavia, the percentage of the Java-grown product is infinitesimal.

Except in Java, pepper is cultivated almost exclusively by natives or Chinese. They take great interest in the cultivation of the plant and consequently supply pepper of a quality, much favoured by the trade.

In Sumatra pepper is chiefly grown in the Northern part and in the South i.e. the Lampongs. The product of the Northern districts is mostly shipped to Penang, while that of the Southern parts is forwarded to Batavia, Palembang or Singapore.

In the Residency of Palembang the cultivation does not play such an important part, although the exports are, as a rule, greater than those from the Lampongs.

In Borneo, the Western and the extreme Southeastern parts produce most of the pepper.

The berries grow in bunches, and ripen irregularly. For the purpose of making black pepper, the bunches, after having been picked, are piled up in heaps to induce fermentation. Thereafter they are dried in the sun. During this process the berries are separated from the stems by the simple method of trampling on them. When perfectly dry they are sorted and sifted.

The preparation of white pepper is more complicated. Only the bunches with the biggest and the ripest berries are selected for that purpose. These are then put into bags or baskets and are immersed in slowly running water. After about eight days the fruits burst or become so soft that their flesh can be removed by trampling. Thereupon they are washed in clear running water and, after having been dried in the sun, are ready for the market.

The exports of black and white pepper from the Netherlands-East-Indies amounted to:

(Quantity-1000 Kilos).

	1915.	1916.	1917.	1918.
Black	17.363	16.777	20.745	20.029
White	4.886	6.582	7.271	5.870

A large percentage was shipped to the United States of America.

ARTICLES.	EXPORTERS.	
Nutmegs. (Contd.)	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Samarang.
	Schmid & Jeandel.	Macassar.
	N.V. Handel Maatschappij G.H. Slot & Co.	Batavia. Belawan. Medan. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	The Sumatra Trading Co. Ltd.	Padang.
	Tiedeman & van Kerchem.	Batavia. Sourabaya.
	N.V. Handelmaatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San.	Padang.
Pepper.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Atjehsche Handel Maatschappij.	Koetaradja. Kwala Simpang. Langsa. Lho Seumawe. Sabang. Segli. Tapa Toean.

ARTICLES.	EXPORTERS.	
Pepper. (Contd.)	N. V. Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia. Palembang.
	The Borneo Company Limited.	Batavia. Sourabaya.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Coy. Ltd.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Pepper. (Contd.)	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haakman & Co.	Batavia.
	Maatschappij voor Handel en Industrie.	Padang.
	Harrisons & Crosfield Limited.	Batavia. Medan.
	N. V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Henderson, Keulemans Co.	Batavia.
	Holland China Trading Co.	Muntok.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N. V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Société Coloniale Indo-Belge.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	N. V. Java Import Export Corporatie.	Sourabaya.
	Handelmaatschappij Java Oversea Company.	Batavia.

ARTICLES.	EXPORTERS.	
Pepper. (Contd.)	Koloniale Bank.	Samarang. Sourabaya.
	Koloniale Handel Maatschappij.	Batavia.
	Maclaine, Watson & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Michael Stephens & Co.	Ampenan. Macassar.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Von Nordheim & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia.
	N. V. Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Ross, Taylor & Co.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Pepper. (Contd.)	Rotteveel en Vgile.	Wellevreden.
	A. Schmid.	Batavia.
	Van Heusden, Schwalbach & Co's Handel- maatschappij.	Batavia.
	N. V. Handel Maatschappij G. H. Slot & Co	Batavia. Samarang. Sourabaya. Belawan. Medan.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	H. Suhl.	Pontianak.
	The Sumatra Trading Co. Ltd.	Padang.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co	Sourabaya.
	J. A. Wattie & Co.	Sourabaya.
	Wellenstein Krause & Co.	Batavia. Samarang. Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
Anatoseeds.	S. & W. Birnbaum.	Batavia.
	Burns Philp & Coy. Ltd.	Samarang. Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.

Indigo.

The indigo prepared on estates in the Residencies of Djokjakarta and Soerakarta (Central Java) contains 60—80 % of indigotine, and is chiefly shipped to Europe. The native product averages only $\frac{3}{4}$ to 1 % of indigotine, and is for the greater part used for home-consumption, the excess being disposed off in neighbouring countries (Singapore).

Exports from Java totalled :

(Quantity-Kilogrammes).

	1915.	1916.	1917.	1918.
Indigo, dry :	39.406	66.178	48.637	43.218
" wet :	275.149	165,468	447.723	119.415

ARTICLES.	EXPORTERS.	
Anatoseeds. (Contd.)	Henderson, Keulemans Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	G. Hoppenstedt.	Batavia, Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	MacLaine, Watson & Co. Ltd.	Batavia.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Rotteveel & Ygile.	Welleveden.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
Indigo.	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Galestin & Co.	Batavia.

Cutch.

As extracts of tannin are gradually taking the place of barks as tanning material, it is only natural that endeavours have been made to extract the tannin locally, and by doing so to save freight. In West-Borneo a factory is in operation at Telok Ajer, preparing cutch or tannadine direct from Mangrove barks and other tanning materials.

The finished article is a dark brown solid mass with a shiny shelllike appearance on the plane of fracture and contains, on the average, about 50% of tannin on the air dried cutch. The percentage of tannin, however, is often as high as 70%.

The total exports of mangrove-cutch amounted to:

(Value-guilders).

1915.	1916.	1917.	1918.
917.000	881.000	703.000	483.000

The Western Division of Borneo exported in the same years for a value of: f 863.000, f 868.000, f 683.000 and f 325.000 respectively.

The principal countries of destination are Japan, Great Britain and the United States of America.

ARTICLES.	EXPORTERS.	
Indigo. (Contd.)	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maclaine, Watson & Co.	Batavia.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	N. V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Borneo Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
Cutch.		

ARTICLES.	EXPORTERS.	
Cutch. (Contd.)	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Inc.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Hollandsche Handels Maatschappij.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned. Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.

ARTICLES.	EXPORTERS.	
Cutch. (Contd.)	Koloniale Maatschappij.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maatschappij voor Handel en Industrie.	Padang.
	Maclaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	The Pontianak Trading Co.	Pontianak.
	L. Platon.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Schmid & Jeandel.	Macassar.
	H. Suhl.	Pontianak.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.

Gambir.

Gambir.

Gambir is a shrub, or more correctly: a creeper which is cultivated as a bush, and grows without supports to a height of from 5 to 6 feet. The cultivation of this plant is confined to Sumatra, the Malay Peninsula, Borneo and the surrounding smaller islands. As far as this Colony is concerned, the cultivation is chiefly carried on in the Riouw-Lingga group where gambir is grown in combination with pepper.

Climatic conditions are of great importance to the successful cultivation of gambir.

For the greater part, the plantations are in the hands of Chinese and natives; only in Sumatra and in the Western Division of Borneo a few European owned estates are to be found.

Gambir is prepared in blocks and in cubes. The product known to the trade as block gambir consists of the pure extract of the gambir leaves without additions or removals. Cube gambir is really the product prepared by Chinese for the Eastern markets, although it is also extensively used in Europe and America, and is more expensive.

The production of gambir is very large, much larger than would appear from the export statistics, the local trade being very important.

The direct exports of gambir from this Colony amounted to:

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
6.932	7.200	6.270	5.918

Gambir is put to many uses. It is utilised as a dye, especially for silks and military equipments, and as a tan for fishing nets and leather. In breweries gambir is used to clarify beer, and medicine values it as an astringent.

ARTICLES.	EXPORTERS.	
Gambir. (Contd.)	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chafer & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Hollandsche Handel Maatschappij.	Batavia.
	Ned.- Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.

ARTICLES.	EXPORTERS.	
Gambir. (Contd.)	Henderson, Keulemans Co.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	MacLaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	N.V. Import- & Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	The Pontianak Trading Co.	Pontianak.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.

ARTICLES.	EXPORTERS.	
Mangrove barks.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	H. C. Bluntschli.	Siak Sri Indrapoera.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Chater & Co.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Handel Maatschappij "Deji-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handelscompagnie v/h. Dircks & Co.	Menado.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Haacke & Co.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.

Mangrove barks.

The barks of the Rhizophora's or mangrove trees covering the flat and muddy shores of most islands of the Neth. East-Indies, provide tanning materials known by the native names of "koelit bakau" and "koelit tengar".

In order to collect the bark, the tree is felled above the supporting roots, after the thickness of the bark has been ascertained to amount to at least $\frac{3}{4}$ ". The bark is cut into pieces and dried either in the sun or above a fire. If the bark is to be transported over great distances it is broken into small pieces and, occasionally, even pressed.

The mangrove barks exported from this Colony contain a comparatively small percentage of tannin, viz. 22 to 26 percent.

The following figures show the quantities exported during the period from 1915 to 1918.

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
13.747	19.465	17.242	9.870

The Straits Settlements, and especially Penang, take by far the greater percentage. The shipments to these ports amounted to 13.552, 19.181, 16.902 and 9.722 tons of 1000 Kilos respectively.

ARTICLES.	EXPORTERS.	
Mangrove barks. (Contd.)	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maclaine Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	L. Platon.	Batavia. Sourabaya.
	Schmid & Jeandel.	Macassar.

ARTICLES.	EXPORTERS.	
Mangrove barks. (Contd.)	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Stephens & Gregory.	Macassar.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
Penang or Areca nuts.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Atjehsche Handel Maatschappij.	Koetaradja. Kwala Simpang. Langsar. Lho Seumawe. Sabang. Segli. Tapa Toean.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Eugen Boissevain & Co. Inc.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns, Philp & Coy. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chaer & Co.	Sourabaya.

ARTICLES.	EXPORTERS.	
Penang or Areca nuts. (Contd.)	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Filémon, Engelen & Co.	Menado.
	Société Franco-Néerlandaise de Culture et de Commerce.	Bandoeng.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson, Keulemans Co.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	MacLaine Watson & Co.	Batavia.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	N. V. Import- & Export Maatschappij voorheen Plate en Van Heusde.	Sourabaya.
	The Pontianak Trading Co.	Pontianak.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.

ARTICLES.	EXPORTERS.	
Penang or Areca nuts. (Contd.)	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Ban Seng.	Tandjong Tiram.
	Chin Bee.	Tandjong Tiram.
	Djoe Hong.	Tandjong Balei.
	Ho Bie.	Tandjong Balei.
	Hok Soen Seng.	Tandjong Balei.
	Seng Soon Hock.	Tandjong Balei.
	Seng Soon Hock.	Laboean Bilik.
	Seng Hin.	Tandjong Balei.
	Sing Gim Seng.	Tandjong Tiram.
	Sam Heng.	Laboean Bilik.
	Seng Hong.	Tandjong Balei.
	Tjai Ho Hin.	Tandjong Balei.
	Tie Hin.	Laboean Bilik.
	Tjin Djoe Hin.	Laboean Bilik.
	Tjin Hock Hin.	Laboean Bilik.
	Tjin Hok.	Tandjong Balei.
Gum Benjamin.	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Tandjong Pandan.

ARTICLES.	EXPORTERS.	
Gum Benjamin. (Contd.)	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Laboean Bilik. Langsar. Loeboeg Pakam. Medan. Pematang Siantar. Sabang. Sibolga. Tandjong Balei. Tandjong Poera. Taroetoeng. Tebing Tinggi.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned.-Ind. Handels-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	MacLaine Watson & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Gum Benjamin. (Contd.)	Maatschappij voor Handel & Industrie.	Padang.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	N.V. Import- & Export Maatschappij voorheen Plate en Van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Schmid & Jeandel.	Macassar.
	Stephens P. Stephens.	Ampenan. Macassar. Singaradja.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.

ARTICLES.	EXPORTERS.	
Gum Benjamin. (Contd.)	A Liong Bie.	Siak Sri Indrapoera.
	Goean Hœat Tjan.	Bengkalis.
	Goean Hong Hoat.	Selat Pandjang.
	Hock Tieng.	Bengkalis.
	Hok Lie Kie.	Bagan Api Api.
	Hok Lie Goean.	Bengkalis.
	Hoat Tjoen.	Selat Pandjang.
	Hap Kie.	Bagan Api Api.
	Hap Tjong.	Bagan Api Api.
	Ing Hong Hin.	Selat Pandjang.
	Kian Lam.	Bagan Api Api.
	Kian Tjoean.	Selat Pandjang.
	Kim Ban Liong.	Bagan Api Api.
	Kim Bo Hin.	Bagan Api Api.
	Kian Goean.	Selat Pandjang.
	Kim Seng Tai.	Bagan Api Api.
	Kim Ho Seng.	Selat Pandjang.
	Kim Hok Lie.	Bengkalis.
	Lim Kheh.	Bengkalis.
	Lim Kheng Hoen	Bengkalis.
	Lie Seng.	Bagan Api Api.
	Oei Kie Lin	Bengkalis.
	Peng Kie Tjan.	Bengkalis.
	Sin Eng Hong.	Siak Sri Indrapoera.
	Swie Hong.	Bengkalis.
	Soen Seng.	Bagan Api Api.

ARTICLES.	EXPORTERS.	
Gum Benjamin. (Contd.)	Sin Tjin Hin.	Siak Sri Indrapoera.
	Soei Bie.	Selat Pandjang.
	Tan Hiong Hok.	Brastagi.
	Tjin Hin.	Bengkalis.
	Tjan Ban Tjeng.	Bengkalis.
	Tjai Seng.	Bagan Api Api.
	Thay Lie.	Bagan Api Api.
	Tek Hong.	Selat Pandjang.
	Tan Tjiong.	Bengkalis.
	Tjin Liong.	Bagan Api Api.
	Tong Tek.	Selat Pandjang.
	Tong Ti Kongsie.	Selat Pandjang.
	Tjon Liong.	Bagan Api Api.
	Tjin Hing.	Selat Pandjang.
	Vap Miang.	Brastagi.
	Go Tjian Lek merk Tong Guan Lieng.	Bindjey.
	Go Tjian Djin merk Tong Guan Hin.	Bindjey.
	Go An Kok merk An Ki.	Bindjey.
	Gie Hap Hoo.	Pematang Siantar.
	Jap Eng Thoean merk Thong Bie.	Tandjong Poera.
	Jap Tjai Tjeng merk Sin Hap Goan.	Medan.
	Joe Koean Joe merk Kong Ban Lee.	Pangkalan Brandan.
	Kwee Ji Sioe merk Thoeng Hin.	Pangkalan Brandan.
	Lo Po Hak merk Kou Lie.	Pangkalan Brandan.
	Lie Tjoean Soei.	Bindjey.

ARTICLES.	EXPORTERS.	
Gum Benjamin. (Contd.)	Law Tiam Hok merk Tjin Hoeat Seng.	Tandjong Poera.
	Lim Kim Tjia merk Sin Tek Hoat.	Medan.
	Loei Ai Tjong merk Hock Soen Teong.	Medan.
	On Oei merk Goean Bie.	Tandjong Poera.
	Seh Lim Thoeah merk Hap Tjoen.	Tandjong Poera.
	Seng Hoat Tjan.	Pematang Siantar.
	Soen Hoe.	Pematang Siantar.
	San Seng Tia merk Ban Guan.	Bindjey.
	Tjiang Tjat To, merk Guan Hiap Bie.	Bindjey.
	Tjhoen An.	Pematang Siantar.
	Tan Kim Toei merk Sin Teng Djie.	Bindjey.
	Tan Ma Sing.	Pematang Siantar.
	Tjing Tjim merk Liong Kie.	Tandjong Poera.
	Tjing Phong merk Ek Seng.	Tandjong Poera.
	Tan A Peng.	Brastagi.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Crediet- & Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
Gum Copal.		

Gum Copal.

Unlike damar, the copal of the Neth. East-Indies is the product of only one kind of tree, a species of *Pinaceae* which is also found in the Philippines and which has been described under various names, most recently by Foxworthy, who calls the species *Agathis alba*. The tree is found in the Moluccas, in New Guinea and with the exception of Java, where it is only grown for ornamental purposes, throughout the Great Sunda Islands.

The lower part of the trunk is covered with knots which exude clear resin. At first this is soft and sticky but in the course of a few days turns as hard as stone. It is colourless and transparant as glass, especially the resin which dries on the tree itself. The lumps which drop to the ground naturally accumulate dirt and lose their glossy appearance.

Besides the copal which can be seen exuding from the trees, a more valuable kind is found in the soil under or close to the roots. Occasionally this kind of resin is found in places where the trees themselves have disappeared. It is found either in huge lumps up to a picul in weight, or in thin layers which vary in thickness from a few millimetres to a centimetre or two.

Copal, unlike damar, is not sold according to a standard assortment; its great diversity makes this impossible. Copal is divided in three qualities, namely soft, medium and hard.

The resin of *Agathis alba*, Foxw. has a comparatively low melting-point. That of the excavated copal from Batjan, so well known on the market, varies from 102° to 108° C, excepted, of course, soft pieces which melt at about 98° C. The melting points of copal obtained by tapping are 94° C for the soft and 101° to 103° C for the hard quality.

Copal, as well as damar, is chiefly used for the manufacture of varnishes.

The official export figures are given below; it should, however be borne in mind that only the European trader can clearly distinguish copal from damar, the Asiatic shipper, as a rule, cannot. It therefore frequently happens that the officials who compile the statistics are misled. On that account it is impossible to give the correct figures where the proportion of one kind to an other is concerned.

The principal centres for the exportation of damar are Batavia and Padang. Copal on the other hand is chiefly shipped from Macassar and Ternate.

From the Netherlands-East-Indies the following quantities were shipped:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
6.577	7.602	3.955	3.626

ARTICLES.	EXPORTERS.	
Gum Copal. (Contd.)	Catz American Co. Inc.	Batavia.
	Choya & Co. Ltd.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	M. E. Elias.	Gorontalo. Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Chr. Diemer.	Bandjermasin.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Handel Maatschappij Güntzel & Schumacher.	Batang-Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Pematang Siantar. Sabang. Sibolga. Tandjong Balei. Tandjong Poera. Taroetoeng. Tebing Tinggi.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.

ARTICLES.	EXPORTERS.	
Gum Copal. (Contd.)	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Ned.-Ind. Im- & Export Maatschappij.	Buitenzorg.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maatschappij voor Handel & Industrie.	Padang.
	MacLaine Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Ampenan. Sourabaya.

ARTICLES.	EXPORTERS.	
Gum Copal. (Contd.)	Obi Gom Compagnie.	Doro Lemo. Kau. Laiwoei. Ternate.
	N. V. Import & Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N.V. Handelsvereniging v/h. Reiss & Co.	Ampenan. Batavia. Den Passar. Macassar. Sourabaya. Samarang.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Befong.
	Rotteveel & Vgile.	Weltevreden.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	H. Suhl.	Pontianak.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Velth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.

Gum Damar.

Damar is a collective name given to a number of resins, all of which differ a good deal both in appearance and in properties. The damar of trade is produced by a limited number of species of the imperfectly known family of the *Dipterocarpaceae*.

The Sumatra-damar, as it is called in trade, differs from Borneo-damar which, as a rule, is slightly cheaper. When broken the former shows an even color on the plane of fracture, whereas in the case of the latter, the surface glitters on account of the many minute air bubbles it contains, nor is the chemical composition of the two products identical. The damar of the Moluccas resembles in appearance the product of Borneo. The method employed in collecting vary in accordance with the kind of tree which produces it. It is said that some damar trees spontaneously exude the resin while others must be tapped.

The sorting and cleaning of damar takes place in the big export centres. In Batavia the existing establishments are in the hands of alien Asiatics (Chinamen or Arabs), but in other places the European export houses do the cleaning and sorting themselves. Java itself produces neither damar nor copal, all of which has first to be imported in its crude state, principally from Borneo and Sumatra.

By means of sieves the damar is divided into 5 classes of which No. 1 contains the biggest pieces and No. 5 the smallest. The dust is pounded separately and forms a pure homogeneous granular mass. The waste is used in Java for the battick industry.

Sales are made according to a fixed assortment. Standard lots of 100 chests of Batavia damar include 100 chests No. 1, 10 No. 2, 30 No. 3, 22 No. 4, and 28 cases No. 5.

Sumatra-damar is carefully kept separate from Borneo damar, because both kinds do not produce the same clear varnish.

The melting point of damar varies between 78° and 85° C.

The exports of damar from the Neth. East-Indies amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
8.434	9.226	10.267	6.747

ARTICLES.	EXPORTERS.	
Gum Copal. (Contd.)	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng.	Macassar.
	De Atjehsche Handel Maatschappij.	Koeta Radja. Kwala Simpang. Langsar. Lho Seumawe. Sabang. Segli. Tapa Toean.
Gum Damar.	N.V. Ned.-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Crediet- & Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & Van Overzee.	Batavia.
	Boden & Co.	Batavia. Palembang.
	The Borneo Company Ltd.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Gum Damar. (Contd.)	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Catz American Co. Inc.	Batavia.
	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Chr. Diemer.	Bandjermasin.
	G. Dittrich.	Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Pematang Siantar. Sabang. Sibolga. Tandjong Balei. Tandjong Poera. Taroetoeng. Tebing Tinggi.

ARTICLES.	EXPORTERS.	
Gum Damar. (Contd.)	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned.-Ind. Import en Export Maatschappij.	Buitenzorg.
	Export Maatschappij "Jacatra".	Benkoelen.
	Jacobson, van den Berg & Co.	Batavia.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Handel Maatschappij v/h. Kerkhoff & Co.	Medan. Sabang. Sibolga.
	Koloniale Handel Maatschappij.	Batavia.

ARTICLES.	EXPORTERS.	
Gum Damar. (Contd.)	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maclaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Mirandolle Vouite & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Obi Gom Compagnie.	Doro Lemo. Kau. Lai Woei. Ternate.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Handels Compagnie "Padang".	Padang. Sibolga.

ARTICLES.	EXPORTERS.	
Gum Damar. (Contd.)	N. V. Import- en Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N. V. Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Rotteveel en Ygile.	Wellevreden.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	The Sumatra Trading Co. Ltd.	Padang.
	H. Suhl.	Pontianak.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	C. C. Verwey.	Macassar.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.

ARTICLES.	EXPORTERS.	
Gum Damar. (Contd.)	Gho Tong Gwan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Ban Seng.	Tandjong Tiram.
	Chin Bee.	Tandjong Tiram.
	Djoe Hong.	Tandjong Balei.
	Ho Bie.	Tandjong Balei.
	Hok Soen Seng.	Tandjong Balei.
	Seng Hong.	Tandjong Balei.
	Seng Soon Hock.	Tandjong Balei.
	Seng Hin.	Tandjong Balei.
	Sing Gim Seng.	Tandjong Tiram.
	Tan Hiong Hok.	Brastagi.
	Tjai Ho Hin.	Tandjong Balei.
	Tjin Hok.	Tandjong Balei.
	Tan A Peng.	Brastagi.
	Vap Miang.	Brastagi.
	Oei Tjoe San & Co.	Padang.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng.	Macassar.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
VI. FIBRES. Cantala- and Sisal hemp.	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Handelsvereniging "Amsterdam".	Sourabaya. Medan.
	Ned.-Indische Am- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	S. & W. Birnbaum.	Batavia.
	Boden & Co.	Batavia. Palembang.
	Burns Philp & Coy. Limited.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.

Fibres of the agave.

The cultivation of Agave in the Neth. East-Indies has expanded considerably during recent years. Java planters chiefly grow two species, namely *Agave rigida* var. *Sisalana* (producing the so called Sisalhemp) and *Agave cantala* (producing Cantala-fibre). The latter exceeds the first named in suppleness and is also of better colour.

The fibres are usually prepared by machines resembling the Mexican raspador, and the obsolete wooden scrapers are now only rarely used.

The Sisalhemp whether mixed with Manilahemp or not, is used in the manufacture of ropes, bindertwine etc. The finer kinds of Agavefibres are suitable for the manufacture of tissues, and especially the Java-Cantala has on account of its cleanliness, whiteness, brilliancy, fineness and flexibility a splendid future as a raw material for the weavingindustry.

Exports of Agave fibres from Java and Madura amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
13.325	13.391	13.798	14.051

The principal consumers are the United States of America which took 7.421, 8.083, 12.811 and 12.255 tons respectively.

ARTICLES.	EXPORTERS.	
Cantala-and Sisal hemp. (Contd.)	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Internationale Crediet- & Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	MacLaine Watson & Co.	Batavia.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Pitcairn, Syme & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	J. A. Wattie & Co.	Sourabaya.

Cotton.

Cotton has been exported from this Colony since the beginning of the 19th century.

The cultivation is carried on entirely by native and as far as European capital is concerned, this cooperation is limited to the purchasing of the raw product and the negotiation thereof, and in some cases the supplying of seeds and the cleaning of the product.

The principal cotton producing regions in the Neth.-East-Indies are Palembang (Sumatra) and Samarang (Java).

The greater part of the product is shipped uncleaned to Singapore and Japan. A small quantity of the cleaned cotton is shipped to Europe, but by far the greater part is exported to Singapore, Japan and China.

Exports amounted to:

(Quantity — 1000 Kilos).

	1915.	1916.	1917.	1918.
Cleaned cotton	757	1.398	586	1.040
Uncleaned cotton	3.202	6.058	1.856	3.871

ARTICLES.	EXPORTERS.	
Cotton.	Algemeene Handels Compagnie.	Sourabaya.
	S. & W. Birnbaum.	Batavia.
	Boden & Co.	Batavia. Palembang.
	Borneo Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij Deli-Atjeh.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Galestin & Co.	Batavia.
	Harrisons & Crosfield.	Bandoeng. Batavia. Medan.
	Holland China Trading Co.	Muntok.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Handelsvereeniging "Java".	Batavia. Cheribon. Samarang.

ARTICLES.	EXPORTERS.	
Cotton. (Contd.)	Jacobson, van den Berg & Co.	Batavia. Samarang. Sourabaya.
	N.V. Handel Maatschappij voor Kapokbereiding systeem G. F. W. van Maanen.	Samarang.
	Maclaine Watson & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mainz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Voorhoeve & Co.	Sourabaya.

ARTICLES.	EXPORTERS.	
Gemu. (Arenfibre.)	Algemeene Handels Compagnie.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Burns Philp & Co. Ltd.	Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	G. Dittrich.	Sourabaya.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Harrisons & Crosfield. Ltd.	Batavia. Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Mainz & Co.	Batavia. Samarang. Sourabaya.
	Maclaine Watson & Co.	Batavia.

Gemutu.

Gemutu is the barklike black fibrous layer between stem and leaf-stalks of the sugar-palm (*Arenga saccharifera*).

This fibre is suitable for brushes as a vegetable horsehair, does not deteriorate when exposed to moisture and therefore seems suitable for the protection of submarine cables. Exports from Java amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
52	84	49	33

ARTICLES.	EXPORTERS.	
Gemutu. (Contd.)	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S. L. van Nierop & Co's Handel Maatschappij.	Cheribon. Samarang. Sourabaya. Medan.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	Voorhoeve & Co.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	De Atijhsche Handel Maatschappij.	Koeta Radja. Kwala Simpang. Langsar. Lho Seumawe. Sabang. Segli. Tapa Toean.
Kapak.	Nederlandsch-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Handel Maatschappij Baeten & Co.	Bandoeng.
	N.V. Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Eugen Boissevain & Co. Inc.	Batavia.
	S. & W. Birnbaum.	Batavia.

Kapok.

The Kapok-tree (belonging to the family of the *Bombaceae*) is to be found throughout the Neth. East-Indies but principally in Java, which island is responsible for about 7/8 of the total export of kapok from the whole Archipelago.

Java-kapok, the well-known vegetable down (also named tree cotton) is obtained from the fruits of the *Ceiba pentrandra*, L. (*Eriodendron anfractuosum*, D. C.) and is superior to the product from other origins.

Although the greater part of the cultivation of this tree is native-owned, there are a number of estates under European management interested in it. On these estates the kapok-tree is mostly interplanted with cocoa and coffee.

After the pods have been harvested the contents are thoroughly dried, and afterwards separated from the seeds. When ready for export the product is usually marked with the district of origin.

The Chamber of Commerce at Samarang annually fixes standard samples of Superior Java kapok, First quality Japara kapok and Fair average Java kapok.

Kapok is put to many uses. It is extremely suitable for stuffing of mattresses, lifebelts, bandages etc., but it is also employed for spinning purposes, in the manufacture of felt hats and in guncotton factories.

The exports of this commodity from Java and Madura amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
10.864	9.338	11.690	8.844

Exports from the outlying possessions are comparatively small, and totalled in the above mentioned years: 581, 316, 249 and 187 tons respectively.

ARTICLES.	EXPORTERS.	
Kapok. (Contd.)	Boden & Co.	Batavia. Palembang.
	Borneo-Sumatra Handel Maatschappij.	Bandoeng. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	G. Dittrich.	Sourabaya.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Coy. Ltd.	Batavia. Sourabaya.
	Fraser, Eaton & Co.	Sourabaya.
	Galestin & Co.	Batavia.
	Handelsvereeniging "Gorontalo".	Gorontalo.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.

ARTICLES.	EXPORTERS.	
Kapok. (Contd.)	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	G. O. C. Gerrits.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N. V. Indische Handel Maatschappij.	Sourabaya.
	Ned.-Ind. Import- en Export Maatschappij.	Buitenzorg.
	Jacobson, van den Berg & Co.	Batavia. Samarang. Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	N.V. Handel Maatschappij v/h. Kerkhoff & Co.	Medan. Sabang. Sibolga.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	N. V. Maatschappij voor Kapok-bereiding systeem G.F.W. van Maanen.	Samarang.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	MacLaine Watson & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Kapok. (Contd.)	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	N. V. Import- & Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Macassar. Ampenan. Den Pasar.
	Anton Roos.	Pangkalan Brandan.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Belong.

Hats.

The hat-making industry in Java, dating back to 1850, witnessed considerable expansion after 1867 when European exporters settled in the respective centres and gradually brought the industry to its present state of perfection, now making all shapes and kinds to order. Up to 1906 bamboo only was employed, but since that date pandan-fibre and the fibre of *Carludovica palmosta* have been introduced for the manufacture of imitation Panama hats.

These hats are braided in concentric circles of increasing diameter, the brim being attached in a reversed position while a block preserves the shape of the hat itself.

Bamboo hats are usually made with lining, whereas pandan hats are supplied without.

Lining, if supplied, is generally made of coarse braid-work; the brim of the outer hat is bent around the brim of the inner hat and the two then woven together.

The following export figures convey some impression of the importance of this industry:

(Quantity-Lots of 1000.)

	1913.	1914.	1915.	1916.	1917.	1918.
Bamboo hats	5.550	3.481	3.334	6.275	2.632	1.580
Pandan hats	4.238	3.808	4.008	2.072	3.353	2.656

ARTICLES.	EXPORTERS.	
Kapok. (Contd.)	Handel Maatschappij Rupe en Colenbrander.	Indramajoe.
	Schmid en Jeandel.	Macassar.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Handel Maatschappij G.H. Slot & Co.	Batavia. Samarang. Sourabaya. Belawan. Medan.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens.	Ampenan. Macassar. Singaradja.
	Tiedeman & van Kerchem.	Batavia. Sourabaya.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Voorhoeve & Co.	Sourabaya.
	N.V. "Van Waveren's Graanhandel".	Sourabaya.
	Geo Wehry & Co.	Batavia.
	Wellenstein, Krause & Co.	Batavia.
	Ong Tjien Hong (Hoo Bie).	Sourabaya.
	Handel Maatschappij "Kian Gwan".	Samarang.
	Handel Maatschappij "Oei Tjoe".	Samarang.
	Handel Maatschappij "The Ing Tjiang".	Samarang.
VII. PLAITWORK. Hats.	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.

ARTICLES.	EXPORTERS.	
Hats. (Contd.)	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia. Palembang.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Indische Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Hollandsche Handel Maatschappij.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Maclaine, Watson & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Hats. (Contd.)	L. Petitjean.	Tangerang.
	L. Platon.	Batavia. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Rotteveel en Vgile.	Wetlevreden.
	Rowley Davies & Co. Ltd.	Batavia. Sourabaya.
Mats and Matting.	Handel Maatschappij Rupe & Colenbrander.	Indramajoe.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Tandjong Balei.
	Maatschappij voor Handel- en Industrie.	Padang.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Holland China Trading Co.	Muntok.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.

ARTICLES.	EXPORTERS.	
Mats and Matting. (Contd.)	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Hollandsche Handel Maatschappij.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Maclaine, Watson & Co.	Batavia.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	L. Platon.	Batavia. Sourabaya.
	Rotteveel en Ygile.	Weltevreden.
	Handel Maatschappij Rupe & Colenbrander.	Indramajoe.
VIII. HIDES AND SKINS. Buffalo- and Cowhides.	Algemeene Handels Compagnie.	Sourabaya.
	N. V. Ned.-Ind. Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Buffalo- and Cowhides. (Contd.)	Handel Maatschappij "Deli-Aitjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	Fraser, Eaton & Co.	Sourabaya.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Holland China Trading Co.	Muntok.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Van Houten, Steffan & Co.	Padang.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Samarang.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Buffalo- and Cowhides. (Contd.)	Handel Maatschappij Java Oversea Company.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar.
	H. Levison.	Padang.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Mirandolle, Voué & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Ampenan. Sourabaya.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	S.L. van Nierop & Co's Handel Maatschappij.	Batavia. Cheribon. Samarang. Sourabaya. Medan.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Pitcairn, Syme & Co.	Sourabaya.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.

ARTICLES.	EXPORTERS.	
Buffalo- and Cowhides. (Contd.)	L. Platon.	Batavia. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Handel Maatschappij J. Schaier.	Macassar.
	Schmid & Jeandel.	Macassar.
	Handel Maatschappij G.H. Slot & Co.	Batavia.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
	Oei Tjoe San & Co.	Padang.
Deerskins.	Algemeene Handels Compagnie.	Sourabaya.
	Société Coloniale Indo-Belge.	Samarang. Sourabaya.
	Firma H.G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.

ARTICLES.	EXPORTERS.	
Deerskins. (Contd.)	Handels Compagnie v/h. Dircks & Co.	Menado.
	G. Dittrich.	Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia.
	W.B. Ledeboer & Co.	Gorontalo. Macassar.
	H. Levison.	Padang.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Maclaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Michael Stephens & Co.	Macassar.

ARTICLES.	EXPORTERS.	
Deerskins. (Contd.)	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya.
	S.L. van Nierop & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Macassar.
	N.V. Handel Maatschappij J. Schaier.	Macassar.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Dijk.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Oei Tjoe San & Co.	Padang.
	Handel Maatschappij "Sen Boen".	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng	Macassar.

ARTICLES.	EXPORTERS.	
Goatskins.	Algemeene Handels Compagnie.	Sourabaya.
	Ned.-Ind. Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H.G.Th. Crone.	Samarang. Sourabaya.
	G. Dittrich.	Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.

ARTICLES.	EXPORTERS.	
Goatskins. (Contd.)	Internationale Crediet- en Handelsvereniging "Rotterdam".	Samarang.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Michael Stephens & Co.	Macassar.
	Mirandolle, Voûte & Co.	Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S.L. van Nierop & Co's Handel Maatschappij.	Batavia. Cheribon. Samarang. Sourabaya.
	Pitcairn, Syme & Co.	Batavia. Samarang. Sourabaya.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Handels Compagnie "Padang".	Padang. Sibolga.

ARTICLES.	EXPORTERS.	
Goatskins. (Contd.)	Remedios Brothers.	Sourabaya.
	Stephens & Gregory.	Macassar.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Dijk.	Macassar.
	Njo Tjin Tjoan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Oei Tjoe San & Co.	Padang.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng.	Macassar.
Sheepskins.	Algemeene Handels Compagnie.	Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	G. Dittrich.	Sourabaya.

ARTICLES.	EXPORTERS.	
Sheepskins. (Contd.)	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Haacke & Co.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Michael Stephens & Co.	Macassar.
	Mirandolle Voûte & Co.	Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	S.L. van Nierop & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya.
	L. Platon.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Sheepskins. (Contd.)	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Dijk.	Macassar.
	Njo Tjin Tjoan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Oei Tjoe San & Co.	Padang.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
Iguanaskins.	Algemeene Handels Compagnie.	Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Choya & Co. Ltd.	Batavia.
	G. Dittrich.	Sourabaya.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Ned-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.

ARTICLES.	EXPORTERS.	
Iguanaskins. (Contd.)	Jacobson, van den Berg & Co.	Batavia.
	Maintz & Co.	Samarang.
	Maclaine, Watson & Co.	Batavia.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S. L. van Nierop & Co's Handel Maatschappij.	Batavia. Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Dijk.	Macassar.
Birdskins.	Njo Tjin Tjoan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Padang.
	Oei Tjoe San.	Padang.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
	Algemeene Handels Compagnie.	Sourabaya.
	Nederlandsch-Indische Im- en Export Maat- schappij "Atlantic".	Sourabaya.
	Crediet- en Handelsvereniging "Banda".	Ternate.

ARTICLES.	EXPORTERS.	
Birdskins. (Contd.)	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Jacobson, van den Berg & Co	Batavia. Cheribon. Samarang. Sourabaya.
	W. B. Ledeboer & Co.	Macassar.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	MacLaine, Watson & Co.	Batavia.
	Merauke Compagnie.	Merauke.
	Michael Stephens & Co.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.

ARTICLES.	EXPORTERS.	
Birdskins. (Contd.)	Handelsvereniging v/h. Reiss & Co.	Macassar.
	N. V. Handel Maatschappij J. Schaier.	Macassar.
	Schmid & Jeandel.	Macassar.
	Schnitzler & Co.	Samarang.
	Stephens P. Stephens & Co.	Macassar.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Tjon.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Oei Tjoe San & Co.	Padang.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng.	Macassar.
	Algemeene Handels Compagnie.	Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Haacke & Co.	Padang.
IX. HORNS. Buffalo horns.	Maatschappij voor Handel en Industrie.	Padang.
	Ned.- Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Holland China Trading Co.	Muntok.

ARTICLES.	EXPORTERS.	
Buffalo horns. (Contd.)	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Van Houten, Steffan & Co.	Padang.
	W. B. Ledeboer & Co.	Macassar.
	H. Levison.	Padang.
	Maintz & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Maclaine, Walsen & Co.	Batavia.
	Michael Stephens & Co.	Ampenan. Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S. L. van Nierop & Co's Handel Maatschappij.	Batavia. Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Handelsvereniging v/h. Reiss & Co.	Macassar.
	L. Platon.	Batavia.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.

ARTICLES.	EXPORTERS.	
Buffalo horns. (Contd.)	Hin Djik.	Macassar.
	Njo Tjin Tjoan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Oei Tjoe San & Co.	Padang.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng.	Macassar.
	Algemeene Handels Compagnie.	Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
Deer horns.	Handelscompagnie v/h. Dircks & Co.	Menado.
	M. E. Elias.	Gorontalo. Menado.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	W. B. Ledeboer & Co.	Gorontalo. Macassar.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Michael Stephens & Co.	Macassar.
	Maintz & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Deer horns. (Contd.)	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Maclaine, Watson & Co.	Batavia.
	Maatschappij voor Handel en Industrie.	Padang.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S.L. van Nierop & Co's Handel Maatschappij.	Batavia. Cheribon. Sourabaya. Medan.
	N. V. Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	Gebroeders Veth.	Macassar. Padang.
	Gie Kie Tjan.	Macassar.
	Hin Dijk.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.

ARTICLES.	EXPORTERS.	
X. MAIZE.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boden & Co.	Batavia.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Chater & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Filémon, Engelen & Co.	Menado.
	Fraser, Eaton & Co.	Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.

Maize.

More attention is gradually being paid to the cultivation of maize by the native population in this Colony, and the planted area is, especially in Celebes, of great importance.

In Java and Madura maize has been cropped in 1917 and 1918 from nearly 1,303,382 and 2,287,743 acres respectively.

The exports from the Neth. East-Indies totalled as follows:

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
152.994	47.690	4.072	1

ARTICLES.	EXPORTERS.	
Maize. (Contd.)	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Indische Handels Maatschappij.	Sourabaya.
	Jacobson, van den Berg & Co.	Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	W.B. Ledebor & Co.	Macassar.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Michael Stephens & Co.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handel Maatschappij "Nederland".	Sourabaya.
	N. V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.

ARTICLES.	EXPORTERS.	
Maize. (Contd.)	Handelsvereniging v/h. Reiss & Co.	Macassar.
	Remedios Brothers.	Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Schmid & Jeandel.	Macassar.
	Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singaradja.
	Stephens & Gregory.	Macassar.
	H. Suhl.	Pontianak.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Voorhoeve & Co.	Sourabaya.
	N.V. "Van Waveren's Graanhandel".	Sourabaya.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Njo Tjin Tjoan.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.

ARTICLES.	EXPORTERS.	
XI. OILS, FATS, WAX, OIL CONTAINING SEEDS AND PRODUCTS. Cananga oil.	Algemeene Handels Compagnie.	Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Telok Betong. Tjilatjap.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Francis Peek & Co. Ltd.	Batavia. Cheribon. Sourabaya.
	Galestin & Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	Ned.- Ind. Handel, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Henderson, Keulemans Co.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.

Cananga oil.

Cananga oil is obtained from the flowers of a tree, the *Cananga odorata*, Hook., which is principally found in West-Java.

The product slightly resembles the well-known Ylang-ylang oil, prepared in the Philippine Islands and in Réunion. Previously it was prepared in Java by the natives for their own use only, but more recently it was exported to the United States of America, Europe and Japan.

The quantities exported are unknown, as the article is not shown separately in the official statistics.

ARTICLES.	EXPORTERS.	
Cananga oil. (Contd.)	Jacobson, van den Berg & Co.	Batavia.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia.
	S.L. van Nierop & Co's Handel Maatschappij.	Samarang. Sourabaya.
	N.V. Import en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia.
	Remedios Brothers.	Sourabaya.
	Rotteveel en Vgile.	Wetlevreden.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia.
	Ned.-Ind. Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
Citronella oil.	Barmer Export Gesellschaft.	Batavia. Samarang. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia.

Citronella oil.

Citronella oil is prepared in Java in a great number of distilleries from the leaves of *Cymbopogon Nardus*, Rendle.

The variety of this plant found in Neth. East-India differs from that grown in Ceylon, from which the Ceylon citronella oil is extracted.

The market value of citronella oil depends chiefly on the percentage of geraniol contained therein. This percentage, as far as the Java oil is concerned, varies between 80 and 90% whereas for the Ceylon oil it is much lower, viz. 60 to 65% only, and it is, therefore, no wonder that the Java oil fetches prices which are about twice as high as for the Ceylon product.

The Java oil is packed in galvanized iron drums, containing 300 Litres and weighing $\frac{1}{4}$ ton or 560 lbs.

It appears that consumers of citronella oil in America and elsewhere continue to show their preference for the Java-oil, which is evident from the fact that the exports are gradually increasing as is proved by the following figures:

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
233	429	516	228

The United States of America and England are the principal consumers of this article which is mainly in demand for soap manufacture on account of its geraniol, one of the chief constituents of rose oil.

ARTICLES.	EXPORTERS.	
Citronella oil. (Contd.)	S. & W. Birnbaum.	Batavia.
	Burns, Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Société Coloniale Indo-Belge.	Batavia. Tangerang. Rotterdam. Antwerp.
	N.V. Citronella Maatschappij.	Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	Ned.-Ind. Handel, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Citronella oil. (Contd.)	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson, Keulemans Co.	Batavia.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	Jacobson, van den Berg & Co.	Batavia. Sourabaya.
	N.V. Java Import Export Corporatie.	Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	Koloniale Bank.	Samarang.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mirandolle, Voûte & Co.	Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Samarang. Sourabaya.
	W. P. Philips & Co.	Batavia.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Remedios Brothers.	Sourabaya.

ARTICLES.	EXPORTERS.	
Citronella oil. (Contd.)	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Rotteveel en Vgile.	Weltevreden.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Exploitatie Maatschappij "Sindang Radja".	Indramajoe.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Tiedeman & Van Kerchem.	Batavia. Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Geo Wehry & Co.	Batavia.
	Lim A Pat.	Muntok.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
Cajuput oil.	Algemeene Handels Compagnie.	Sourabaya.
	Ned.-Ind. Im- en Export Maatschappij "Atlantic"	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns Philp & Co.	Sourabaya.
	Catz American Co. Inc.	Batavia.

Cajuput oil.

This essential oil is prepared from the leaves of the *Melaleuca Leucadendron*, L., a tree which sometimes reaches a considerable height and is principally found in the islands of Buru and Ceram (Molucca-archipelago).

In Java this article is not prepared, although part of the imported quantities are re-exported from this island.

The oil, which is used for medicinal purposes, is a clear, movable liquid, usually of a greenish colour. This colour, which disappears after rectification, is caused by the touch of copper alloy originating from the distillation in copper apparatus.

The majority of the oil is exported to Singapore, from which port it is transhipped to British India and other Eastern markets, but big quantities are also shipped to the United States of America.

The total exports of cajuput oil from the Neth. East-Indies amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
81	89	80	35

ARTICLES.	EXPORTERS.	
Cajuput oil. (Contd.)	Société Coloniale Indo-Belge.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Batavia. Bandoeng. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson, Keulemans Co.	Batavia.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Joakim & Co.	Sourabaya.
	W. B. Ledeboer & Co.	Macassar.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang.

Lemongrass oil.

This oil is prepared in the same way as citronella oil, from the leaves of the *Cymbopogon citratus*, Stapf, but this plant contains a smaller percentage of oil than the *Cymbopogon Nardus*. The yield of lemongrass oil in Java averages 0.2%.

The packing is done in galvanized iron drums containing 300 Litres, same as with citronella oil.

The value of the oil depends on the percentage of citral, amounting to 75-85% in the Java product.

Export figures are not available, as the article is not separately shown in the official statistics.

ARTICLES.	EXPORTERS.
Cajuput oil. (Contd.)	Manders, Seemann & Co's Handel Maatschappij. Macassar.
	Michael Stephens & Co. Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co. Macassar. Menado.
	Handel Maatschappij Moraux & Co. Macassar.
	S.L. van Nierop & Co's Handel Maatschappij. Sourabaya.
	N.V. Import- & Export Maatschappij v/h. Plate en Van Heusde. Sourabaya.
	N.V. Handelsvereniging v/h. Reiss & Co. Macassar.
	Remedios Brothers. Sourabaya.
	Rotteveel & Ygile. Weltevreden.
	Schmid & Jeandel. Macassar.
	Van Heusden, Schwalbach & Co's Handel Maatschappij. Batavia.
	Stephens & Gregory. Macassar.
	Stephens P. Stephens & Co. Macassar.
	N.V. Handel Maatschappij "Transoceana". Sourabaya.
	Voorhoeve & Co. Sourabaya.
	Gie Kie Tjan. Macassar.
	Hin Dijk. Macassar.
	Njo Tjin Tjoan. Macassar.
	Oei Sioe Tjoan. Macassar.
	Handel Maatschappij Sen Boen. Macassar.
	Ting Tjam & Co. Macassar.
	Vap Tjiang Seng. Macassar.
Lemongrass oil.	Algemeene Handels Compagnie. Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic". Batavia. Cheribon. Sourabaya.

ARTICLES.	EXPORTERS.	
Lemongrass oil. (Contd.)	Eugen Boissevain & Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Catz American Co. Inc.	Batavia.
	Burns Philp & Co.	Sourabaya.
	Galestin & Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Henderson, Keulemans Co.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Koloniale Bank.	Samarang. Sourabaya.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang.
	S L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Remedios Brothers.	Sourabaya.

ARTICLES.	EXPORTERS.	
Lemongrass oil. (Contd.)	Rotteveel & Ygile.	Weltevreden.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
Palmarosa oil.	Voorhoeve & Co.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Galestin & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	G. Hoppenstedt.	Batavia.
	Jacobson, van den Berg & Co.	Batavia.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Koloniale Bank.	Samarang. Sourabaya.
	Maclaine, Watson & Co.	Batavia.
	Rotteveel & Ygile.	Weltevreden.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.

Palmarosa oil.

This oil, possessing a scent which resembles the odour of roses, is obtained from the leaves of the *Cymbopogon Martini*, Stapf, by distillation.

The manufacture of this oil is only done on a very limited scale and exports are, therefore, not considerable. Export figures are not available.

ARTICLES.	EXPORTERS.	
Palmarosa oil. (Contd.)	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
Vetiver oil.	Algemeene Handels Compagnie.	Batavia.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Ned.-Ind. Im- & Export Maatschappij.	Batavia. Cheribon. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Burns Philp & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	G. Dittrich.	Sourabaya.
	G. O. C. Gerrits.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Henderson, Keulemans Co.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.

Patchouly leaves.

The leaves of *Logostemon cablin* from which the well-known patchouly oil is prepared are exported from some provinces of this Colony especially from the Eastcoast of Sumatra and from Atchee.

The preparation of patchouly oil is done in Java in a few factories, but the export of this oil is only a trifling one. Export statistics are not available.

ARTICLES.	EXPORTERS.	
Vetiver oil. (Contd.)	MacIaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Sourabaya.
	S.L. van Nierop & Co's Handel Maatschappij.	Samarang. Sourabaya.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Compagnie Commerciale "La Ratoe".	Batavia.
	A. Schmid.	Batavia.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
Patchouly leaves.	Burns Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Galestin & Co.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Henderson, Keulemans Co.	Batavia.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia.
	Ned.-Ind. Handels-, Industrie- en Cultuur Maatschappij.	Batavia.

Sandalwood.

Sandalwood occurs in a wild state in East-Java, and also in the islands of Soemba and Timor. This wood is largely employed for carved work or ornamental purposes, yielding also essential oil utilised in medicines and perfumery.

Exports from above outlying islands amounted to:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
111	118	202	74

ARTICLES.	EXPORTERS.	
Patchouly leaves. (Contd.)	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Koloniale Bank.	Sourabaya.
	MacLaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang.
	L. Platon.	Batavia. Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya.
	Burns Philp & Co.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Galestin & Co.	Batavia.
Sandalwood.	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Samarang. Sourabaya.
	Henderson, Keulemans Co.	Batavia.

Coconut oil.

Especially in the last few years coconut oil is prepared in the Neth. East-Indies in enormous quantities for export, and the manufacture of same (especially in Java) is steadily increasing every year.

Consumption of coconut oil in the whole world has increased immensely during the last decade. At present it is purified to such a degree that a white, tasteless, odourless and very preservable fat is obtained. The purified oil is sold under different names (palmin, vegetaline etc.) and used for culinary purposes. Huge quantities are also utilised by manufacturers of artificial butter. For the soap manufacture, copra oil is further of special importance.

Exports of coconut oil totalled:

(Quantity—1000 Litres).

	1915.	1916.	1917.	1918.
From Java	5.475	10.869	26.727	26.896
From other islands	2.623	2.246	3.938	1.632

ARTICLES.	EXPORTERS.	
Sandalwood. (Contd.)	Jacobson, van den Berg & Co.	Batavia.
	W. B. Ledeboer & Co.	Macassar.
	Maclaine, Watson & Co.	Batavia.
	Michael Stephens & Co.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	L. Platon.	Batavia. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Macassar.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Schmid & Jeandel.	Macassar.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Tjoan.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
Coconut oil.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.

ARTICLES.	EXPORTERS.	
Coconut oil. (Contd.)	Barmer Export Gesellschaft.	Batavia. Samarang. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Palembang. Pontianak.
	Burns Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Choya & Co. Ltd.	Batavia.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Chr. Diemer.	Bandjermasin.
	N.V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Coconut oil. (Contd.)	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Henderson, Keulemans Co.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N.V. Oliefabrieken "Insulinde".	Bandoeng. Banjoewangi. Blitar. Keboemen. Kediri. Rangkasbetoeng. Sentono. Toeloengagoeng.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.

ARTICLES.	EXPORTERS.	
Coconut oil. (Contd.)	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Belawan. Kwala Simpang. Medan. Tandjong Poera.
	Maintz & Co.	Batavia. Samarang.
	Maclaine, Watson & Co.	Batavia.
	N.V. Eerste Makassaarsche Oliefabriek.	Macassar.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mirandolle, Voûte & Co.	Sourabaya.
	Handel Maatschappij Moraux & Co.	Macassar.
	N. V. Ned.-Ind. In- en Uitvoer Handel Maatschappij.	Benkoelen.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	W. P. Phipps & Co.	Batavia.
	L. Platon.	Batavia. Sourabaya.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Pontianak Trading Co.	Pontianak.
	Soerabajasche Oliefabriek.	Sourabaya.
	Remedios Brothers.	Sourabaya.
	Anton Roos.	Pangkalan Brandan.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.

ARTICLES.	EXPORTERS.	
Coconut oil. (Contd.)	N.V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya. Belawan. Medan.
	H. Suhl.	Sourabaya.
	J. A. Wattie & Co.	Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Tjoan.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
	Algemeene Handels Compagnie.	Sourabaya.
Groundnut oil.	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Nederlandsch-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	N.V. Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.

ARTICLES.	EXPORTERS.	
Groundnut oil. (Contd.)	Boden & Co.	Batavia.
	Burns Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H.G.Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	N. V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia. Cheribon. Samarang.
	Harrisons & Crosfield Ltd.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Henderson, Keulemans Co.	Batavia.
	Holland China Trading Co.	Muntok.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.

ARTICLES.	EXPORTERS.	
Groundnut oil. (Contd.)	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N. V. Oliefabrieken "Insulinde".	Bandoeng. Banjoewangi. Blitar. Keboemen. Kediri. Rangkasbetoeng. Sentono. Toeloengagoeng.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarinda. Sourabaya.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	Maintz & Co.	Batavia. Samarang.
	MacLaine, Watson & Co.	Batavia.
	N. V. Eerste Makassaarsche Oliefabriek.	Macassar.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Ross, Taylor & Co.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.
Groundnut oil. (Contd.)	N. V. Handel Maatschappij G.H. Slot & Co. Batavia. Samarang. Sourabaya. Belawan. Medan.
	Soerabajasche Oliefabriek. Sourabaya.
	N. V. Handel Maatschappij "Transoceana". Sourabaya.
	Voorhoeve & Co. Sourabaya.
	N. V. "van Waveren's Graanhandel". Sourabaya.
Ricinus oil.	Algemeene Handels Compagnie. Sourabaya.
	Amsterdam-Batavia Handelsvereniging. Batavia. Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic". Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij. Batavia. Cheribon. Sourabaya. Tjilatjap. Telok Betong.
	Eugen Boissevain & Co. Inc. Batavia.
	S. & W. Birnbaum. Batavia.
	Burns Philp & Co. Ltd. Batavia.
	Catz American Co. Inc. Batavia.
	Société Coloniale Indo-Belge. Batavia.
	Firma H. G. Th. Crone. Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh". Langsar. Medan. Segli. Tandjong Balei. Penang.
	N. V. Oliefabriek "Van Dongen". Bliitar.

ARTICLES.	EXPORTERS.
Ricinus oil. (Contd.)	Edgar & Co. Batavia. Samarang. Sourabaya.
	Galestin & Co. Batavia.
	Ned.-Ind. Handel, Industrie- en Cultuur Maatschappij. Batavia.
	G. Hoppenstedt. Batavia. Cheribon. Samarang. Sourabaya.
	Henderson, Keulemans Co. Batavia.
	Indische Handels Compagnie. Batavia. Cheribon. Samarang.
	N. V. Oliefabrieken "Insulinde". Bandoeng. Banjoewangi. Bliitar. Keboemen. Kediri. Rangkasbetoeng. Sentono. Toeloengagoeng.
	Jacobson, van den Berg & Co. Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company. Batavia.
	Maintz & Co. Batavia. Samarang.
	MacLaine, Watson & Co. Batavia.
	Manders, Seemann & Co's Handel Maatschappij. Macassar.
	Mirandolle, Voûte & Co. Samarang. Sourabaya.
	S.L. van Nierop & Co's Handel Maatschappij. Sourabaya.
	L. Platon. Batavia. Sourabaya.

Petroleum and by-products.

The petroleum-industry in the Neth. East-Indies only dates back to 1885 when the first surveys in this connection were carried out. The Government, however, has had an important share in the development, ever since the inception of this industry.

In 1890 the „Koninklijke Nederlandsche Maatschappij tot Exploitatie van Petroleumbronnen in Nederlandsch-Indië" (the wellknown „Royal-Dutch" company) was founded, which gradually obtained a controlling interest in the entire Dutch-Indian share of the industry. The principal centres of production are:

in North-Sumatra: Langkat and Perlak districts;

in South-Sumatra: the Residency of Palembang;

in Java: the Residencies of Rembang and Sourabaya;

in Borneo (East-Coast): Koetei district, and the island of Tarakan.

The crude oil is treated in six refineries, situated at: Pangkalan Brandan (North-Sumatra); Pladjoe and Bagoes-Koenig (South-Sumatra); Tjepoe and Wonokromo (East-Java) and at Balikpapan (East-Borneo).

The chief products are: Kerosene; Benzine; Turpene; Diesel and Solar oil; Liquid fuel and Batching oil. Lubricating oils, Greases and Paraffin wax are produced in various qualities. Candles, chiefly for home consumption, are made at Tjepoe, and for export at Balikpapan. The greater part of the liquid products is shipped in bulk to all parts of the world by special tank-steamers.

Exports from the Neth. East-Indies were as follows:

	1913.	1914.	1915.	1916.	1917.	1918.
Kerosene, Benzine and						
Gasolene, per 1000 Litres	820.935	780.892	835.547	805.899	779.910	696.117
Liquid fuel per 1000 Litres	149.279	203.379	347.895	326.074	155.541	291.057
Paraffin wax in tons	12.589	9.092	18.172	20.006	22.366	21.045
Lubricating oils in tons	15.702	16.747	21.414	24.811	13.501	24.529
Grease in tons	141	116	91	173	261	232
Candles in tons	2.440	2.844	2.026	1.949	2.961	4.080
Asphalt in tons	606	179	102	572	1.646	1.719
Turpene per 1000 Litres	338	793	877	666	1.452	2.556

ARTICLES.	EXPORTERS.	
Ricinus oil. (Contd.)	Rotteveel & Vgile. N. V. Handel Maatschappij G.H. Slot & Co.	Wetlevreden. Batavia. Samarang. Sourabaya. Belawan. Medan.
	Soerabajasche Oliefabriek.	Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
Batching oil.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Diesel oil.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Liquid fuel.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Lubricating oil.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Solar oil.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Paraffin wax.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Candles.	De Dordtsche Petroleum Maatschappij.	Batavia. Sourabaya.
Bees wax.	H. C. Bluntschli. Borneo-Sumatra Handel Maatschappij.	Siak-Sri-Indrapoera. Palembang. Pontianak. Samarinda.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.

Balam and Soentei kernels.

These seeds are obtained from two species of trees belonging to the *Sapotaceae* family (which includes all gutta percha trees), viz. the *Palaquium oleosum*, Burck, and the *P. pisang*, Burck. These trees are found growing wild in great numbers, especially in lowlying country, and in greater or lesser quantities everywhere in Borneo and in Sumatra.

When the seeds are being collected, the flesh and the skins are removed by hand and the kernels are then dried by exposing them to the sun.

The percentage of fat contained varies slightly according to the species, but amounts roughly to 50%. The fats of the two species also differ in colour and taste.

The total quantities of these kernels exported from this Colony during the period 1915 to 1918 amounted to:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
788	615	26	352

ARTICLES.	EXPORTERS.	
Bees wax. (Contd.)	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Indische Handels Compagnie.	Batavia.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Joakim & Co.	Sourabaya.
	W.B. Ledeboer & Co.	Macassar.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging v/h. Reiss & Co.	Macassar.
	Handel Maatschappij v/h. J. Mohrmann & Co.	Macassar. Menado.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	H. Suhl.	Pontianak.
	Hin Dijk.	Macassar.
	Gie Kie Tjan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Tjin Djoe Hin.	Laboean Billik.
	Yap Tjiang Seng.	Macassar.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
Ceresine.	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Samarang.
Balam-and Soentei kernels.	Catz American Co. Inc.	Batavia.
	Algemeene Handels Compagnie.	Sourabaya.

ARTICLES.	EXPORTERS.	
Balam-and Soentei kernels. (Contd.)	Ned.-Ind. Im- en Export Maatschappij.	Batavia. Cheribon. Sourabaya.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Galestin & Co.	Batavia.
	G. Hoppenstedt.	Batavia. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia.
	MacLaine, Watson & Co. Ltd.	Batavia.
	Handelsvereniging "Nederland".	Sourabaya.
	N.V. Handels Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
Candle nuts.	Algemeene Handels Compagnie.	Sourabaya.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Galestin & Co.	Batavia.
	G. Hoppenstedt.	Batavia.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	W. B. Ledeboer & Co.	Macassar. Menado. Gorontalo.
	H. Levison.	Padang.

ARTICLES.	EXPORTERS.	
Candle nuts. (Contd.)	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	MacLaine, Watson & Co.	Batavia.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Macassar.
	Gie Kie Tjan.	Macassar.
	Ting Tjam & Co.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
Castor oil beans.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.

Castor oil beans.

These seeds are produced in this Colony in limited quantities only, as the figures of the exports, given below, will show. This is principally due to the fact that the cultivation of the ricinus plant is fairly risky as untimely rains during the dry season may cause a failure of the crop.

A great many varieties are cultivated, but only a few, which are of very superior quality, are exported.

The oil, which is also prepared in the Colony, is used chiefly for medicinal purposes and as a lubricant for machinery.

Exports amounted to:

(Quantity--1000 Kilos).

1915.	1916.	1917.	1918.
2415	1713	782	560

ARTICLES.	EXPORTERS.	
Castor oil beans. (Contd.)	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	G. Dittrich.	Sourabaya.
	N. V. Oliefabriek "van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Henderson, Keulemans Co.	Batavia.
	G. Hoppenstedt.	Batavia.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	MacLaine, Watson & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.

Copra.

It is only lately that European capital has claimed a share in the cultivation of coconuts in this Colony, and in consequence thereof nearly all coconut plantations are the property of the native population. Government encouraged the cultivation directly by supplying seeds, and indirectly by removing obstacles which were in the way of a proper development.

Since the moment it appeared that the dried flesh of the coconut was willingly absorbed by the world's market, entire districts in Java as well as in the possessions beyond this island have been turned into vast coconut groves. Some fairly large sized islands have been planted up with coconut palms from the beach to the summit of the hills.

Copra is dried in various ways. In Java, the flesh removed from the shell is exposed to the sun. During the drying process, the flesh is daily turned over, and when the weather is favourable the product can be packed and forwarded to the seaports after about five days. There it is piled up in the warehouses and examined by the exporters. The produce is stored until quite dry and then repacked in gunny bags before shipment. During the rainy season copra is also dried artificially. When this is skillfully and carefully done, an excellent product can be obtained without a trace of a smoky smell.

However, artificial drying is an exception in Java, and in the rainy season the majority of the copra is also dried in the sun, although the operation takes much more time.

The preparation of sundried copra is also to a large extent adhered to in the islands beyond Java, and in some of them the product is not inferior to that of Java.

Buyers of copra have to deal with a very limited number of different qualities only. These are F. M. S. (which means fair merchantable sundried) and F. M. (fair merchantable), whereas the copra for which the exporter accept no responsibility as far as quality is concerned is sold under the term of "telquel". F. M. S. includes all well-dried ripe copra which has not been in touch with smoke. F. M. includes sound copra which smells of smoke, and also mixtures of sundried and kiln-dried copra. Furthermore the market quotations depend on the geographical origin. Java copra is best quoted; sundried of other regions is, as a rule, quoted slightly lower. There is no fixed difference between the various qualities, as they are used for different purposes, and more or less follow their own way.

Copra, as it reaches the consumers, contains about 60% of oil and 40% of residue.

Exports of copra from the Neth. East-Indies amounted to:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
174.843	152.229	116.770	68.578

ARTICLES.	EXPORTERS.	
Castor oil beans. (Contd.)	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	Remedios Brothers.	Sourabaya.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Samarang.
	N.V. Handel Maatschappij G.H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
Copra.	Amsterdam-Batavia Handelsvereniging.	Batavia.
	Atjehsche Handel Maatschappij.	Koetaradja. Kwala Simpang. Langsa. Lho Seumawe. Sabang. Segli. Tapa Toewan.
	Ned-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Handel Maatschappij Baeten & Co.	Bandoeng.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	The Borneo Company Ltd.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H.G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Chr. Diemer.	Bandjermasin.
	Handelscompagnie v/h. Dircks & Co.	Menado.
	N.V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Francis Peek & Co.	Batavia. Sourabaya.
	Société Franco Neerlandaise de Culture et de Commerce.	Bandoeng.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Handel Maatschappij Güntzel & Schumacher.	Medan. Sabang. Sibolga. Tandjong Poera. Loeboeq Pakam.
	Guthrie & Co.	Medan.
	Haacke & Co.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Maatschappij voor Handel- en Industrie.	Padang.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	Henderson, Keulemans Co.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy.	Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Van Houten, Steffan & Co.	Padang
	Ned.-Ind. Im- & Export Maatschappij.	Buitenzorg.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Indische Handels Maatschappij.	Sourabaya.
	N.V. Oliefabrieken "Insulinde".	Bandoeng.
	Export Maatschappij "Jacatra".	Benkoelen.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Joakim & Co.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Jordan & Co.	Sourabaya.
	Handel Maatschappij v/h. Kerkhoff & Co.	Medan.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Koloniale Handel Maatschappij.	Batavia.
	W.B. Ledeboer & Co.	Macassar. Menado. Gorontalo.
	H. Levison.	Padang.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Merauke Compagnie.	Merauke.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Ampenan. Sourabaya.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Firma Van Nie & Co.	Medan.
	S.L. van Nierop & Co's Handel Maatschappij.	Cheribon. Medan. Samarang. Sourabaya.
	Obi Gom Compagnie.	Ternate. Laiwoei. Kau. Doro Semo.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Handels Compagnie Padang.	Padang. Sibolga.
	L. Platon.	Batavia. Sourabaya.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Pontianak Trading Co.	Pontianak.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Handelsvereniging v/h. Reiss & Co.	Macassar. Sourabaya.
	Anton Roos.	Pangkalan Brandan.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	Schmid & Jeandel.	Macassar.
	N.V. Handel Maatschappij G.H. Slot & Co.	Batavia. Samarang. Sourabaya. Belawan. Medan.
	Société Financière des Caoutchoucs.	Medan.
	N.V. Soerabajasche Oliefabriek.	Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	H. Suhl.	Pontianak.
	The Sumatra Trading Company Ltd.	Padang.
	N.V. "Tokra".	Padang.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Veerkamp & Co.	Pekalongan.
	Gebroeders Veth.	Padang. Macassar.
	Vis & Co.	Batavia.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
	Kwik Hoo Tong Handel Maatschappij.	Samarang.
	Handel Maatschappij Ko Lie.	Samarang.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Yap Tjiang Seng.	Macassar.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	T. H. Nio.	Padang.
	A Liong Bie.	Siak Sri Indrapoera.
	Ban Seng.	Tandjong Tiram.
	Chin Bee.	Tandjong Tiram.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Djoe Hong.	Tandjong Balei.
	Go Tjian Lek merk Tong Gnan Lieng.	Bindjey.
	Goh Gong merk Hap Kie.	Tandjong Bringin.
	Go Tjian Djin merk Tong Gnan Hin.	Bindjey.
	Go An Kok merk An Kie.	Bindjey.
	Goean Hoeat Tjan.	Bengkalis.
	Goean Hong Hoat.	Selat Pandjang.
	Gie Hap Hoo.	Pematang Siantar.
	Ho Bie.	Tandjong Balei.
	Hock Tieng.	Bengkalis.
	Hok Lie Kie.	Bagan Api Api.
	Hok Lie Goean.	Bengkalis.
	Hoat Tjoen.	Selat Pandjang.
	Hok Soen Seng.	Tandjong Balei.
	Hap Kie.	Bagan Api Api.
	Hap Tjong.	Bagan Api Api.
	Ing Hong Hin.	Selat Pandjang.
	Jap Eng Thoean merk Thong Bie.	Tandjong Poera.
	Joe Koean Joe merk Kong Ban Lee.	Pangkalan-Brandan.
	Goean Hong Hoat.	Selat Pandjang.
	Gie Hap Hoo.	Pematang Siantar.
	Kim Seng Tai.	Bagan Api Api.
	Kim Ho Seng.	Selat Pandjang.
	Kim Hok Lie.	Bengkalis.
	Kiam Lam.	Bagan Api Api.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Kian Tjoean.	Selat Pandjang.
	Kim Ban Liong.	Bagan Api Api.
	Kim Bo Hin.	Bagan Api Api.
	Kian Goean.	Selat Pandjang.
	Kwee Ji Sioe merk Thoeng Hin.	Pangkalan-Brandan.
	Lo Po Hak merk Kon Kie.	Pangkalan-Brandan.
	Lie Tjoean Soei.	Bindjey.
	Lim Kheh.	Bengkalis.
	Lim Kheng Hoen.	Bengkalis.
	Lie Seng.	Bagan Api Api.
	Law Tiam Hok merk Tjin Hoeat Seng.	Tandjong Poera.
	Lioe Eng Kon merk Siang Meh & Co.	Medan.
	On Oei merk Goean Bie.	Tandjong Poera.
	Oei Kie Lin.	Bengkalis.
	Peng Kie Tjan.	Bengkalis.
	San Seng Tia merk Ban Gnan.	Bindjey.
	Tjim Hin.	Bengkalis.
	Tjiang Tjiat To merk Guan Hiap Bie.	Bindjey.
	Tjhoen An.	Pematang Siantar.
	Seng Hong.	Tandjong Balei.
	Seng Soon Hock.	Tandjong Balei.
	Seng Soon Hock.	Laboean Bilik.
	Seh Lim Thoeah merk Hap Tjoen.	Tandjong Poera.
	Seng Hin.	Tandjong Balei.
	Seng Hoat Tjan.	Pematang Siantar.

ARTICLES.	EXPORTERS.	
Copra. (Contd.)	Sing Gim Seng.	Tandjong Tiram.
	Soei Bie.	Selat Pandjang.
	Sin Eng Hong.	Siak Sri Indrapoera.
	Swie Hong.	Bengkalis.
	Soen Seng.	Bagan Api Api.
	Soen Hoe.	Pematang Siantar.
	Sin Tjin Hin.	Siak Sri Indrapoera.
	Tan Ma Sing.	Pematang Siantar.
	Tan Tjiong.	Bengkalis.
	Tjing Phong merk Ek Seng.	Tandjong Poera.
	Tjing Tjim merk Liong Kie.	Tandjong Poera.
	Tjin Hok.	Tandjong Balei.
	Tjin Hock Hin.	Laboean Bilik.
	Tjin Hing.	Selat Pandjang.
	Tjin Djoe Hin.	Laboean Bilik.
	Tjin Liong.	Bagan Api Api.
	Tong Tek.	Selat Pandjang.
	Tong Ti Kongsie.	Selat Pandjang.
	Tjon Liong.	Bagan Api Api.
	Tan Kim Toei merk Sin Teng Djie.	Bindjey.
	Tjan Ban Tjeng.	Bengkalis.
	Tjai Seng.	Bagan Api Api.
	Tjai Ho Hin.	Tandjong Balei.
	Tie Hin.	Laboean Bilik.
	Thay Lie.	Bagan Api Api.
	Tek Hong.	Selat Pandjang.

ARTICLES.	EXPORTERS.	
Cotton seeds.	Algemeene Handels Compagnie.	Sourabaya.
	Boden & Co.	Batavia. Palembang. Rotterdam.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland China Trading Co.	Muntok.
	G. Hoppenstedt.	Batavia.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Samarang.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.

Groundnuts (peanuts).

Already in the middle of the 18th century, the groundnut or peanut was grown in Java near Batavia on a large scale, but it has never spread much beyond this island, even at the present day. Only the island of Bali, lying to the East of Java, exports considerable quantities. Also in Sumatra the nut is grown, but up to the present in very small quantities only.

The plant is cultivated by the natives on non-irrigatable lands and also between two rice crops on *sawahs* (irrigated ricefields). Sugar-cane-fields especially are planted with it immediately after the cane has been harvested.

The nuts contain a large percentage of oil which is extracted now-a-days principally in up-to-date factories in Java. The natives and Chinese prepare the oil in a primitive manner.

The nuts are exported either in the shell or decorticated. The decorticating is done by hand. 100 Kilos nuts in their shells give about 75 to 79 Kilos of kernels.

The exports of nuts amounted to:

(Quantity—1000 Kilos).

	1915.	1916.	1917.	1918.
Nuts in the shell	6.695	3 667	4.608	3.041
Decorticated nuts	5.897	6.035	6.252	5.039

ARTICLES.	EXPORTERS.	
Cotton seeds. (Contd.)	Moluksche Handelsvennootschap.	Palembang.
	Handelsvereniging "Nederland".	Sourabaya.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import- en Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Voorhoeve & Co.	Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
Groundnuts (peanuts).	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Sourabaya.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns Philp & Co. Ltd.	Sourabaya.
	Catz American Co. Inc.	Batavia.

ARTICLES.	EXPORTERS	
Groundnuts (peanuts). (Contd.)	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	G. Dittrich.	Sourabaya.
	N. V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	G. O. C. Gerrits.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	Henderson, Keulemans Co.	Batavia.
	Hermans, Marsman & Co.	Sourabaya.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.

ARTICLES.	EXPORTERS.	
Groundnuts (peanuts). (Contd.)	Van Houten, Steffan & Co.	Batavia. Tjilatjap.
	Indische Handels Compagnie.	Batavia.
	Indische Handels Maatschappij.	Sourabaya.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	H. Levison.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	MacLaine, Watson & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Michael Stephens & Co.	Ampenan. Macassar. Singaradja.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Cheribon. Sourabaya.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	N.V. Im- en Export Maatschappij v/h Plate en van Heusde.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.

Kapok seeds.

These seeds are a by-product of the kapok industry. They are available in considerable quantities, especially as the relative quantities of seeds to fibre are as two to one.

Uncorticated the seeds contain 23% of a non-drying, yellow oil, free of any rancid taste or smell and which bears great similarity to refined cotton oil.

A part of the kapok-seed crop is used in Java. If hydraulic presses are used, 18% of oil can be produced, and by extraction 22%.

The residue is used in Java as a manure which contains between 4% and 4½ % of nitrogen. In Europe it is used as a cattle food and 7% of fat are in that case left in the cakes, so that the total contents of proteins amount to 28%.

During the years 1915-1918 the seeds have been exported from the Neth. East-Indies in the following quantities:

(Quantity—1000 Kilos).

1915.	1916.	1917.	1918.
9.183	8.959	1.317	—

ARTICLES.	EXPORTERS.	
Groundnuts (peanuts). (Contd.)	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia.
	Sarkies, Edgar & Co.	Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	Handel Maatschappij G.H. Slot & Co.	Batavia. Samarang. Sourabaya.
	H. Suhl.	Pontianak.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Gebroeders Veth.	Padang.
	Voorhoeve & Co.	Sourabaya.
	N.V. "Van Waveren's Graanhandel".	Sourabaya.
Kapok seeds.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	De Atjehsche Handel Maatschappij.	Koeta Radja. Kwala Simpang. Langsar. Lho Seumawe. Sabang. Tapa Toean.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.

ARTICLES.	EXPORTERS.	
Kapok seeds. (Contd.)	Boden & Co.	Batavia. Palembang.
	Borneo-Sumatra Handel Maatschappij.	Palembang.
	Burns Philp & Co. Ltd.	Samarang.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	G. Dittrich.	Sourabaya.
	N.V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Fraser Eaton & Co.	Sourabaya.
	Galestin & Co.	Batavia.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Ned.-Indische Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Indische Handels Maatschappij.	Sourabaya.

ARTICLES.	EXPORTERS.	
Kapok seeds. (Contd.)	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	Jacobson, van den Berg & Co.	Batavia. Sourabaya. Samarang.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	W.B. Ledeboer & Co.	Macassar.
	H. Levison.	Padang.
	N.V. Maatschappij voor Kapokbereiding systeem G.F.W. van Maanen.	Samarang.
	Maintz & Co.	Samarang.
	Maclaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya.
	S L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N.V. Import en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.

Sesamum seeds.

These seeds are also of minor importance for the Neth. East-Indies. Several varieties are grown. Inferior qualities, i. e. which possess thick skins and consequently contain a low percentage of oil, are not exported. The white and the red-brown species of the variety *Sesamum indicum* L. contain a high percentage of oil and are chiefly exported to Singapore.

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
2.383	2.307	736	574

ARTICLES.	EXPORTERS.	
Kapok seeds. (Contd.)	Anton Roos.	Pangkalan Brandan.
	Ross. Taylor & Co.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Handel Maatschappij Rupe & Colenbrander.	Indramajoe.
	Handel Maatschappij G.H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Tiedeman & van Kerchem.	Batavia. Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Voorhoeve & Co.	Sourabaya.
	Ong Tjien Hong (Hoo Bie).	Sourabaya.
Sesamum seeds.	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Burns, Philp & Co.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Sesamum seeds. (Contd.)	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Tandjong Pandan.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Sourabaya.
	G. Dittrich.	Sourabaya.
	N.V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland China Trading Co.	Muntok.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Sourabaya.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Maintz & Co.	Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Sesamum seeds. (Contd.)	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	MacLaine, Watson & Co.	Batavia.
	Mirandolle, Voûte & Co.	Sourabaya.
	Michael Stephens & Co.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvereniging.	Palembang.
	Handel Maatschappij Moraux & Co.	Ampenan. Macassar.
	Handelsvereniging "Nederland".	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Handelsvereniging v/h. Reiss & Co.	Macassar.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia.
	Sarkies, Edgar & Co.	Sourabaya.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	Gebroeders Veth.	Macassar.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.

Tengkawang kernels.

Of the oilseeds collected in the forests, the Tengkawang, which produces what in Europe is called Borneo-fallow, is the best known. It is obtained from a certain number of trees of the *Dipterocarpaceae* family, so common in Borneo and in Sumatra.

The crops vary a good deal and failures are so frequent that it is even said that Tengkawang flowers only every five or six years. This as a matter of fact, is not correct, the tree flowers regularly but the crop is only a success when the dry season is a long one and the change to the rainy season is gradual. All species, however, are not equally dependent on the vagaries of the climate and some can withstand it better than others.

Exports of Tengkawang kernels from the Neth. East-Indies amounted to:

(Quantity — 1000 Kilos).

1915.	1916.	1917.	1918.
8.185	1.166	72	22

ARTICLES.	EXPORTERS.	
Tengkawang kernels.	Algemeene Handels Compagnie.	Sourabaya.
	Borneo-Sumatra Handel Maatschappij.	Djambi. Palembang. Pontianak. Samarinda.
	Boden & Co.	Batavia. Palembang.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Société Coloniale Indo-Belge.	Batavia.
	Chr. Diemer.	Bandjermasin.
	Galestin & Co.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	G. Hoppenstedt.	Batavia.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	Maclaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia.
	Moluksche Handels Vennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.

ARTICLES.	EXPORTERS.	
Tengkawang kernels. (Contd.)	Handelsvereniging "Nederland".	Ampenan. Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	The Pontianak Trading Co.	Pontianak.
	N.V. Import en Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia.
	Schmid & Jeandel.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
Oilcakes.	Amsterdam-Batavia Handelsvereniging.	Batavia.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Pontianak.
	Burns, Philp & Co.	Sourabaya.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Oilcakes. (Contd.)	N.V. Oliefabriek "Van Dongen".	Blitar.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Ned.-Indische Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Hermans, Marsman & Co.	Batavia. Sourabaya.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	N.V. Oliefabrieken "Insulinde".	Bandoeng. Banjoewangi. Blitar. Keboemen. Kediri. Rangkasbetoeng. Sentono. Toeloeng Agoeng.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	MacLaine Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Eerste Makassaarsche Oliefabriek.	Macassar.

Rattans.

This valuable commodity is gathered in the virgin jungles, which gradually and inevitably decrease in extent as further areas are brought into regular cultivation. It is not impossible that at a not very distant date all jungles will be stripped of rattan, and to meet this emergency rattan is being planted on a large scale in Borneo and Sumatra. Cultivation and treatment are very simple. The latter consists of felling and drying in the shade, and sometimes, in addition, polishing with a piece of wood. The trade distinguishes binding-rattan for wicker furniture etc., and stick-rattan for walking sticks and canes.

Exports from the Neth. East-Indies amounted to:

	(Quantity — 1000 Kilos).			
	1915.	1916.	1917.	1918.
Rattans:	45.516	32.712	27.005	25.441
	(Value-guilders).			
Rattan-sticks	40.000	109.000	80.000	71.000

ARTICLES.	EXPORTERS.	
Oilcakes. (Contd.)	Mirandolle, Voûte & Co.	Sourabaya.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Ampenan. Sourabaya.
	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	N. V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya. Belawan. Medan.
	N. V. Import en Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.
	Pontianak Trading Co.	Pontianak.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	N. V. "Van Waveren's Graanhandel".	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam-Batavia Handelsvereniging.	Batavia.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Batavia. Cheribon. Sourabaya.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	H. C. Bluntschli.	Siak Sri Indrapoera.

XII. RATTANS.

ARTICLES.	EXPORTERS.	
Rattans. (Contd.)	Boasson & van Overzee.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Samarinda. Tandjong Pandan.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Société Coloniale Indo-Belge.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	A. H. Dewald.	Bandjermasin.
	Chr. Diemer.	Bandjermasin.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Handel Maatschappij Güntzel & Schumacher.	Laboean Bilik. Loeboeq Pakam. Sabang. Sibolga. Tandjong Balei. Tandjong Poera. Medan.

ARTICLES.	EXPORTERS.	
Rattans. (Contd.)	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland China Trading Co.	Muntok.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Van Houten, Steffan & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Samarang. Sourabaya.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	N.V. Nederlandsche Indische In- en Uitvoer Handel Maatschappij.	Benkoelen.
	Export Maatschappij "Jacatra".	Benkoelen.
	Jacobson, van den Berg & Co.	Batavia.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	W. B. Ledebor & Co.	Gorontalo. Macassar. Menado.
	H. Levison.	Padang.

ARTICLES.	EXPORTERS.	
Rattans. (Contd.)	Maintz & Co.	Batavia.
	Maatschappij voor Handel en Industrie.	Padang.
	Maclaine, Watson & Co.	Batavia.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Handels Compagnie "Padang".	Padang. Sibolga.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Obi Gom Compagnie.	Doro Semo. Kau. Laiwoei. Ternate.
	Oost Indische Exploitatie & Handel Maatschappij.	Macassar. Samarinda.
	Handelsvereniging v/h. Reiss & Co.	Macassar.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Schmid & Jeandel.	Macassar.

ARTICLES.	EXPORTERS.	
Rattans. (Contd.)	N.V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya.
	Remedios Brothers.	Sourabaya.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Macassar.
	H. Suhl.	Pontianak.
	The Sumatra Trading Co. Ltd.	Padang.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gie Kie Tjan.	Macassar.
	Hin Djik.	Macassar.
	Nio Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan & Co.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Vap Tjiang Seng.	Macassar.
	Ban Seng.	Tandjong Tiram.
	Chin Bee.	Tandjong Tiram.
	Djoe Hong.	Tandjong Balei.
	Ho Bie.	Tandjong Balei.
	Hok Soen Seng.	Tandjong Balei.
	Khoe Teng Tjan.	Medan.
	Seng Soon Hock.	Tandjong Balei.
	Seng Hin.	Tandjong Balei.

Rice.

Rice is one of the specific native agricultural products. The Government of the Neth. East-Indies, realising the first rate importance of this cultivation, constantly strives to assist the native by means of competent supervision, introduction and encouragement of improved methods of cultivation, and extension of works. In Java and Madura alone (no reliable figures are at present available relating to the outlying possessions) a total of nearly 6.600.000 acres of irrigated ricefields (*sawahs*) and 2.000.000 acres of dry ricefields were cultivated.

Imports of rice are greatly in excess of the total quantity exported, as a small percentage of the total crop only is disposed of abroad. Shipments are however of excellent quality and have gained a very favourable reputation for Java-rice.

Exports of white rice from Java and Madura totalled: 33.647 tons during 1915, 9.813 tons during 1916 and 4.343 tons during 1917 (1 ton = 1000 Kilos).

ARTICLES.	EXPORTERS.	
Rattans. (Contd.)	Sing Gim Seng.	Tandjong Tiram.
	Sam Heng.	Laboean Bilik.
	Seng Hong.	Tandjong Balei.
	Tjai Ho Hin.	Tandjong Balei.
	Tjin Djoe Hin.	Laboean Bilik.
	Tjin Hok.	Tandjong Balei.
XIII. RICE.	Amsterdam-Batavia Handelsvereniging.	Batavia.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong. Singapore.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Boden & Co.	Batavia. Palembang.
	The Borneo Company Ltd.	Batavia. Sourabaya.
	Borneo Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Samarinda.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Francis Peek & Coy. Ltd.	Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Rice. (Contd.)	Edgar & Co.	Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	Haacke & Co.	Padang.
	Haakman & Co.	Batavia.
	Maatschappij voor Handel en Industrie.	Padang.
	Harrisons & Crosfield Ltd.	Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Sourabaya.
	Van Houten, Steffan & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N.V. Ned.-Indische In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Jacobson, van den Berg & Co.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Joakim & Co.	Batavia.
	N.V. Medansche Handel Maatschappij v' h. Th. Konow-Soeberg & Co.	Belawan. Kwala Simpang. Medan. Tandjong Poera.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Rice. (Contd.)	Handelsvereniging "Nederland".	Ampenan.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Padangsche Handel Maatschappij.	Padang.
	W. P. Phipps & Co.	Batavia.
	L. Platon.	Batavia.
	F. H. Pownal.	Banjoewangi.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Sourabaya.
	Rowley, Davies & Co. Ltd.	Batavia.
	Handelsvereniging Rupe & Colenbrander.	Indramajoe.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Tiedeman & Van Kerchem.	Batavia. Sourabaya.
	N.V. Vereenigde Tjimanoekefabrieken.	Indramajoe.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Padang.
	N.V. "Van Waveren's Graanhandel".	Sourabaya.
	Wellenstein, Krause & Co.	Batavia.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
	Kwik Hoo Tong Handel Maatschappij.	Samarang.
	Handel Maatschappij The Ing Tjiang.	Samarang.
	Handel Maatschappij Oei Tjoe.	Samarang.
	Handel Maatschappij Goei Keh Sioe.	Samarang.
	Handel Maatschappij Ko Lie.	Samarang.

Rubber.

There is certainly no cultivation in the Neth. East-Indies which, since 1905, has attracted so much attention as that of rubber.

The principal rubber producing tree which is found here on estates is the *Hevea Brasiliensis* (the Para rubber tree) and, though to far smaller extent, the *Ficus elastica*, *Castilloa elastica*, and *Manihot* species, are also cultivated.

The *Hevea* has proved itself to be hardy, to sustain even drastic tapping, to come out of severe droughts, and to recover after being attacked by many pests. It has also proved the heaviest yielder of rubber, and to be easily propagated. It finally gives rubber of the highest quality and has therefore been extensively planted.

Plantation rubber is generally marketed as: smoked or unsmoked sheet, crêpe, scraps, lump and earthrubber, and is sold in fairly large quantities at the rubber auctions which are regularly held at Batavia and at Medan.

Exports from the Neth. East-Indies amounted to:

	(Quantity—1000 Kilos).			
	1915.	1916.	1917.	1918.
Rubber:				
Hevea	18.101	30.938		
Ficus, plantation rubber	849	1.430		
Ceara " "	36	69	45.618	44.050
Castilloa " "	55	42		
Other " "	226	742		
Ficus, forest product	622	394		

All wild rubber, with the exception of the indigenous *Ficus elastica*, belong in this Colony to the *Apocynaceae* family. The most important of the species belonging to this family are the *Dyera*'s, due to the fact that these trees are found in large numbers in the forests of Borneo and Sumatra and supply a product which is exported in big quantities under the name of Jelutong.

The principal places of export are Palembang, Bandjermasin, Pontianak and places situated on the Eastcoast of Borneo.

The Palembang jelutong contains the highest percentage of pure rubber (15-18%), the Bandjermasin jelutong from 12-14% and the Pontianak quality still less. The product exported from the Southcoast of Borneo as a rule, contains larger percentage of moisture and various other substances (about 8%) and is similar to the Bandjermasin product.

Of less importance than the *Dyera* species are the rubber-yielding vines, although the latter give a more valuable product. Of these vines large quantities are found in the forests, of which the *Willughbeia firma* as regards quantity and quality ranks as the most important. It produces a rubber which is known by the native name of "Gutta soesoe" and which has created much interest during the last few years before the outbreak of the war.

Exports of wild rubber amounted to:

	(Quantity—1000 Kilos).			
	1915.	1916.	1917.	1918.
Gutta jelutong	8.136	10.399	8.778	3.187
Gutta hangkang	2.466	2.316	2.743	1.940
Gutta, other	229	301	417	458

ARTICLES.	EXPORTERS.	
XIV. RUBBER. Plantation rubber.	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	Handelsvereniging "Amsterdam".	Sourabaya. Medan.
	The Anglo Dutch Estates Agency Ltd.	Belawan. Medan. Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Telok Betong.
	C. Berlage & Co.	Sourabaya.
	S. & W. Birnbaum.	Batavia.
	H. C. Bluntschli.	Siak Sri Indrapoera.
	Boasson & van Overzee.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Boden & Co.	Batavia.
	The Bombay Java Trading Company Ltd.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns, Philp & Co. Ltd.	Sourabaya. Samarang.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Plantation rubber. (Contd.)	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Batavia. Sourabaya.
	Société Franco-Neerlandaise de Culture et de Commerce.	Bandoeng.
	Société de Culture Franco Javanaise.	Bandoeng.
	Galestin & Co.	Batavia.
	Handel Maatschappij Güntzel & Schumacher.	Belawan. Langsar. Medan. Loeboeq Pakam. Sabang. Sibolga. Tandjong Balei.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Henderson, Keulemans Co.	Batavia.

ARTICLES.	EXPORTERS.	
Plantation rubber. (Contd.)	Holland Straits Trading Coy. Ltd.	Medan.
	Hollandsche Handels Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Ned.-Ind. Im- en Export Maatschappij.	Buitenzorg.
	Van Houten, Steffan & Co.	Padang.
	Indische Handels Maatschappij.	Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang
	The Indo Java Rubber Planting & Trading Co. Ltd.	Batavia.
	Jacobson, van den Berg & Co	Batavia. Cheribon. Samarang. Sourabaya.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Bank.	Samarang. Sourabaya.
	Maatschappij voor Koloniale Ondernemingen.	Medan.
	Handel Maatschappij v/h. Kerkhoff & Co.	Medan. Padang. Sibolga.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Belawan. Kwala Simpang. Medan. Tandjong Poera.
	Toe Laer & Co.	Medan.
	MacLaine, Watson & Co.	Batavia

ARTICLES.	EXPORTERS.	
Plantation rubber. (Contd.)	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	Ned.-Indische In- en Uitvoerhandel Maatschappij.	Benkoelen.
	S.L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Von Nordheim & Co.	Batavia.
	Handels Compagnie "Padang".	Padang. Sibolga.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Société de Culture de Panoulisan.	Bandoeng.
	John Peet & Co.	Batavia.
	W. P. Phipps & Co.	Batavia.
	Pitcairn Syme & Co.	Sourabaya.
	L. Platon.	Batavia. Sourabaya.
	N. V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Pontianak Trading Co.	Pontianak.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Plantation rubber. (Contd.)	Rowley, Davies & Co. Ltd.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	N.V. Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya. Medan.
	Société Financière de Caoutchoucs.	Medan.
	H. Suhl.	Pontianak.
	The Sumatra Trading Company Ltd.	Padang.
	Tiedeman & Van Kerchem.	Batavia. Sourabaya.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Veerkamp & Co.	Pekalongan.
	Gebroeders Veth.	Macassar.
	Voorhoeve & Co.	Sourabaya.
	Geo Wehry & Co.	Batavia. Cheribon. Samarang. Sourabaya. Tjilatjap. Padang.
	Handel Maatschappij Kian Gwan.	Batavia. Samarang. Sourabaya.
	Cho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.

ARTICLES.	EXPORTERS.	
Jelutong.	Behn, Meyer & Co's Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong. Penang.
	C. Berlage & Co.	Sourabaya.
	S. & W. Birnbaum.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Tandjong Pandan.
	Boden & Co.	Batavia. Palembang.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Ch. Diemer.	Bandjermasin.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Taroetoeng.
	Nederlandsche Gutta Percha Maatschappij.	Sourabaya.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Pontianak.

ARTICLES.	EXPORTERS.	
Jelutong. (Contd.)	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.
	G. Hoppenstedt.	Batavia.
	Indische Handels Compagnie.	Batavia.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Maclaine, Watson & Co.	Batavia.
	Moluksche Handelsvennootschap.	Palembang.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	Von Nordheim & Co.	Batavia.
	Ned.-Indische Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	W. P. Phipps & Co.	Batavia.
	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Rowley, Davies & Co. Ltd.	Batavia.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.

Gutta percha.

This product, which must be well distinguished from rubber, has no elasticity. At a certain temperature it becomes soft and plastic, but when cooled down it regains its original hardness, and retains the shape given to it when heated.

Gutta percha being non-conductive for electricity is used in the manufacture of sub-marine cables as insulating material. It is also used in the manufacture of surgical instruments.

In the Neth. East-Indies the gutta percha tree grows in the Ricuw Archipelago, in Banka, Borneo, Sumatra and in New Guinea, besides in a few other islands. The product is principally obtained from the *Palaquium* species. The bulk is obtained from trees growing wild, and which are felled for the purpose of tapping. To prevent the extinction of the *Palaquium* species, plantations have been opened since 1885, namely by the Government at Tjipetir (Java), where practically only trees of this species are grown. Some private concerns have also experimented with the cultivation of *Palaquium*, but have not proved successful on account of the slow growth of the trees and the limited demand of the product.

Exports of gutta percha totalled:

(Quantity—1000 Kilos).

	1915.	1916.	1917.	1918.
Forest product	309	282	325	981
Plantation „	277	26	30	70

ARTICLES.	EXPORTERS.	
Jelutong. (Contd.)	H. Suhl.	Pontianak.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
Gutta Percha.	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	Behn, Meyer & Co's Handel Maatschappij.	Batavia.
	H. C. Bluntschli.	Siak Sri-Indrapoera.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Handel Maatschappij Baeten & Co.	Bandoeng.
	C. Berlage & Co.	Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.
Gutta Percha. (Contd.)	Handel Maatschappij Guntzel & Schumacher. Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Taroetoeng. Haacke & Co. Padang. N.V. Handel Maatschappij v/h. Hemmes & Co. Pontianak. Henderson, Keulemans Co. Batavia. Hollandsche Handel Maatschappij. Batavia. Holland Straits Trading Coy. Ltd. Medan. G. Hoppenstedt. Batavia. Indische Handels Compagnie. Batavia. Handel Maatschappij Java Oversea Company. Batavia. Koloniale Handel Maatschappij. Batavia. Maatschappij voor Handel en Industrie. Padang. MacLaine, Watson & Co. Batavia. N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co. Medan. Tandjong Poera. Mirandolle, Voûte & Co. Samarang. Sourabaya. Handelsvereniging "Nederland". Sourabaya. Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij. Batavia. N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij. Benkoelen. W. P. Phipps & Co. Batavia.

ARTICLES.	EXPORTERS.
Gutta percha. (Contd.)	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde. Sourabaya. Rowley Davies & Co. Ltd. Batavia. Van Heusden, Schwalbach & Co's Handel Maatschappij. Batavia. A. Schmid. Batavia. H. Suhl. Pontianak. N.V. Handel Maatschappij "Transoceana". Sourabaya. Gebroeders Veth. Padang. Klapperoliefabriek "Wilhelmina". Pontianak. Gho Tong Goan. Padang. Handel Maatschappij Injo Tjeng Hong. Padang. Oei Tjoe San & Co. Padang.
Gutta hangkang.	N.V. Behn, Meyer & Co. Handel Maatschappij. Batavia. Samarang. Sourabaya. Tjilatjap. Penang. Telok Betong. C. Berlage & Co. Sourabaya. Borneo-Sumatra Handel Maatschappij. Bandjermasin. Samarinda. Eugen Boissevain & Co. Inc. Batavia. Burns, Philp & Co. Ltd. Samarang. Sourabaya. Catz American Co. Inc. Batavia. Handel Maatschappij "Deli-Atjeh". Belawan. Langsar. Medan. Segli. Tandjong Balei. Chr. Diemer. Bandjermasin.

ARTICLES.	EXPORTERS.	
Gutta hangkang. (Contd.)	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Taroetoeng.
	Haacke & Co.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hollandsche Handel Maatschappij.	Batavia.
	Henderson, Keulemans Co.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.
	G. Hoppenstedt.	Batavia. Samarang. Sourabaya. Cheribon. Padang.
	Indische Handels Compagnie.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Maclaine, Watson & Co.	Batavia.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya.
	W. P. Phipps & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Gutta hangkang. (Contd.)	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	Rowley, Davies & Co. Ltd.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	H. Suhl.	Pontianak.
	N. V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Velth.	Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Penang. Telok Betong.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Pontianak. Samarinda. Tandjong Pandan.
	C. Berlage & Co.	Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
Gutta katiauw.	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.

ARTICLES.	EXPORTERS.	
Gutta katiaw. (Contd.)	Handel Maatschappij Güntzel en Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Taroetoeng.
	Haacke & Co.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Samarang. Sourabaya. Cheribon. Padang.
	Holland Straits Trading Coy. Ltd.	Medan.
	Indische Handels Compagnie.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Maclaine, Watson & Co.	Batavia.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Gutta katiaw. (Contd.)	N.V. Import- en Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Rowley Davies & Co. Ltd.	Batavia.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	H. Suhl.	Pontianak.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Velh.	Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	C. Berlage & Co.	Sourabaya.
Gutta merah.	Eugen Boissevain & Co. Inc.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.

ARTICLES.	EXPORTERS.	
Gutta merah. (Contd.)	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handel Maatschappij Guntzel en Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Taroetoeng.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Maclaine, Watson & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Gutta merah. (Contd.)	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.
	N.V. Import- & Export Maatschappij v/h. Plate en van Heusde.	Sourabaya.
	Handel & Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Rowley, Davies & Co. Ltd.	Batavia.
	Gebroeders Veth.	Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
Gutta mentah.	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	C. Berlage & Co.	Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.

ARTICLES.	EXPORTERS.	
Gutta mentah. (Contd.)	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Aljeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei. Penang.
	Handel Maatschappij Güntzel en Schumacher	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Tarotoeng.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Indische-, Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.
	G. Hoppenstedt.	Batavia.
	Indische Handels Compagnie.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	MacLaine, Watson & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Gutta mentah. (Contd.)	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.
	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	A. Schmid.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Rowley, Davies & Co. Ltd.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Macassar. Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Oei Tjoe San & Co.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
Gutta putih. (doyan).	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Belong. Penang.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Eugen Boissevain & Co. Inc.	Batavia.
	C. Berlage & Co.	Sourabaya.

ARTICLES.	EXPORTERS.	
Gutta putih. (doyan). (Contd.)	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei. Penang.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Tandjong Poera. Loeboeq Pakam. Medan. Sibolga. Taroetoeng. Langsar. Sabang.
	Haacke & Co.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-Industrie- en Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.
	G. Hoppenstedt.	Batavia. Samarang. Sourabaya. Cheribon.
	Indische Handels Compagnie.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.

ARTICLES.	EXPORTERS.	
Gutta putih. (doyan). (Contd.)	MacLaine, Watson & Co.	Batavia.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.
	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	A. Schmid.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Rowley, Davies & Co. Ltd.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
Gutta soesoeh.	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong. Penang.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	C. Berlage & Co.	Sourabaya.

ARTICLES.	EXPORTERS.	
Gutta soesoeh. (Contd.)	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Eugen Boissevain & Co. Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Taroeoeng.
	Haacke & Co.	Padang.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.

ARTICLES.	EXPORTERS.	
Gutta soesoeh. (Contd.)	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Maclaine, Watson & Co.	Batavia.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.
	Handel- & Scheepvaart Maatschappij "Samarinda".	Samarinda.
	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	A. Schmid.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	H. Suhl.	Pontianak.
	Rowley, Davies & Co.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Gebroeders Veth.	Padang.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
Gutta siak.	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Gutta siak. (Contd.)	C. Berlage & Co.	Sourabaya.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Eugen Boissevain & Co., Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei. Penang.
	Catz American Co. Inc.	Batavia.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Taroetoeng.
	Henderson, Keulemans Co.	Batavia.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Haacke & Co.	Padang.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.

ARTICLES.	EXPORTERS.	
Gutta siak. (Contd.)	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Maclaine, Watson & Co.	Batavia.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.
	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	Rowley, Davies & Co. Ltd.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	H. Suhl.	Pontianak.
	Gebroeders Veth.	Padang. Macassar.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
Gutta tarong.	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.

ARTICLES.	EXPORTERS.	
Gutta tarong. (Contd.)	C. Berlage & Co.	Sourabaya.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	Eugen Boissevain Co., Inc.	Batavia.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co., Inc.	Batavia.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Handel Maatschappij Güntzel & Schumacher.	Batang Taro. Belawan. Laboean Bilik. Langsar. Loeboeq Pakam. Medan. Sabang. Sibolga. Tandjong Poera. Tarotoeng.
	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Haacke & Co.	Padang.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy. Ltd.	Medan.

ARTICLES.	EXPORTERS.	
Rubber. (all kinds).	A Liong Bie.	Siak Sri Indrapoera.
	An Jong Peng merk Tjin Heng & Co.	Tebing Tinggi.
	Ban Seng.	Tandjong Tiram.
	Chin Bee.	Tandjong Tiram.
	Djoe Hong.	Tandjong Balei.
	Go Tjian Lek merk Tong Guan Lieng.	Bindjey.
	Goh Gong merk Hap Kie.	Tandjong Bringin.
	Go Tjian Djin merk Tong Guan Hin.	Bindjey.
	Go An Kok merk An Ki.	Bindjey.
	Goean Hoeat Tjan.	Bengkalis.
	Goean Hong Hoat.	Selat Pandjang.
	Gie Hap Hoo.	Pematang Siantar.
	Ho Bie.	Tandjong Balei.
	Hap Kie.	Bagan Api Api.
	Hok Soen Seng.	Tandjong Balei.
	Hoat Tjoen.	Selat Pandjang.
	Hok Lie Goean.	Bengkalis.
	Hok Lie Kie.	Bagan Api Api.
	Hock Tieng.	Bengkalis.
	Hap Tjiong.	Bagan Api Api.
	Ing Hong Hin.	Selat Pandjang.
	Jap Eng Thoean merk Thong Bie.	Tandjong Poera.
	Joe Koean Joe merk Kong Ban Lie.	Pangkalan Brandan.
	Kwee Ji Sioe merk Thoeng Hin.	Pangkalan Brandan.
	Kian Lam.	Bagan Api Api.

ARTICLES.	EXPORTERS.	
Rubber. (all kinds). (Contd.)	Kian Tjoean.	Selat Pandjang.
	Kim Ban Liong.	Bagan Api Api.
	Kim Bo Hin.	Bagan Api Api.
	Kian Goean.	Selat Pandjang.
	Kim Seng Tai.	Bagan Api Api.
	Kim Ho Seng.	Selat Pandjang.
	Kim Hok Lie.	Bengkalis.
	Lo Po Hak merk Kou Kie.	Pangkalan Brandan.
	Lie Tjoean Soei.	Bindjey.
	Lim Kheh.	Bengkalis.
	Lim Kheng Hoen.	Bengkalis.
	Lie Seng.	Bagan Api Api.
	Law Tiam Hok merk Tjin Hoeat Seng.	Tandjong Poera.
	Lie Phie See merk Lie Seng Hoat.	Medan.
	On Oei merk Goean Bie.	Tandjong Poera.
	Oei Kie Lin.	Bengkalis.
	Peng Kie Tjan.	Bengkalis.
	Soen Seng.	Bagan Api Api.
	Swie Hong.	Bengkalis.
	Sin Eng Hong.	Siak Sri Indrapoera.
	Soei Bie.	Selat Pandjang.
	Sing Gim Seng.	Tandjong Tiram.
	Seng Hoat Tjan.	Pematang Siantar.
	Seng Hin.	Tandjong Balei.
	Seng An.	Laboean Bilik.

ARTICLES.	EXPORTERS.	
Rubber. (all kinds). (Contd.)	Seh Lim Thoeah merk Hap Tjoen.	Tandjong Poera.
	Seng Soon Hock.	Laboean Bilik.
	Seng Soon Hock.	Tandjong Balei.
	Seng Hong.	Tandjong Balei.
	Soen Hoe.	Pematang Siantar.
	Sin Tjin Hin.	Siak Sri Indrapoera.
	San Seng Tia merk Ban Guan.	Bindjey.
	Sam Heng.	Laboean Bilik.
	Tjin Hin.	Bengkalis.
	Tjiang Tjia To merk Guan Hiap Bie.	Bindjey.
	Tjia Hwat Kie merk Tong Joe.	Tebing Tinggi.
	Tjhoen An.	Pematang Siantar.
	Tjan Ban Tjeng.	Bengkalis.
	Tjai Seng.	Bagan Api Api.
	Tjai Ho Hin.	Tandjong Balei.
	Thie Ket Hoei merk Goan Hoat.	Medan.
	Thay Lie.	Bagan Api Api.
	Tek Hong.	Selat Pandjang.
	Tan Kim Toei merk Sin Teng Djie.	Bindjey.
	Tan Tjong.	Bengkalis.
	Tan Ma Sing.	Pematang Siantar.
	Tjin Liong.	Bagan Api Api.
	Tong Tek.	Selat Pandjang.
	Tong Ti Kongsie.	Selat Pandjang.
	Tjong Liong.	Bagan Api Api.

Sagoflour.

Sago is the farina obtained from the pith of several species of palms, indigenous in the Molucca Archipelago and other parts of the Neth. East-Indies. All crude sago was formerly exported to Singapore for cleaning and preparation, but at present these operations are conducted in these Islands. After cleaning the flour is granulated in swinging bags. The starch-like grains are known as pearl-sago and the intermediate form between moist sagoflour and sago-pearls is sold as sago-flake.

Exports totalled:

(Quantity—1000 Kilos).

	1915.	1916.	1917.	1918.
Sagoflour, cleaned	7.521	9.308	5.474	3.744
Sagoflour, crude	9.035	10.141	8.132	7.416

ARTICLES.	EXPORTERS.	
Rubber. (all kinds). (Contd.)	Tjin Hing.	Selat Pandjang.
	Tjin Hock Hin.	Laboean Bilik.
	Tjin Hok.	Tandjong Balei.
	Tjing Tjin merk Liong Kie.	Tandjong Poera.
	Tjing Phong merk Ek Seng.	Tandjong Poera.
XV. SAGOFLOUR.	Amsterdam-Batavia Handelsvereniging.	Batavia. Sourabaya.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Sourabaya. Tjilatjap. Telok Betong.
	H. C. Bluntschli.	Siak Sri Indrapoera.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Compagnie.	Batavia.
	N.V. Medansche Handel Maatschappij v/h. Th. Konow-Soeberg & Co.	Medan. Tandjong Poera.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Maclaine, Watson & Co.	Batavia.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	W. P. Phipps & Co.	Batavia.

ARTICLES.	EXPORTERS.	
Sagoflour. (Contd.)	N. V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	A. Schmid.	Batavia.
	Rowley, Davies & Co. Ltd.	Batavia.
	Gebroeders Veth.	Padang.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Klapperoliefabriek "Wilhelmina".	Pontianak.
	Gho Tong Goan.	Padang.
	Handel Maatschappij Injo Tjeng Hong.	Padang.
	Oei Tjoe San & Co.	Padang.
	S. & W. Birnbaum.	Batavia.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Francis Peek & Co.	Bandoeng. Batavia. Sourabaya.
	Galestin & Co.	Batavia.
	Guthrie & Co. Ltd.	Medan.

ARTICLES.	EXPORTERS.	
Sagoflour. (Contd.)	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Henderson, Keulemans Co.	Batavia.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Penang.
	Indische Handels Compagnie.	Batavia.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	MacLaine, Watson & Co.	Batavia.
	Koloniale Handel Maatschappij.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Rotteveel & Ygile.	Wetlevreden.
	Mirandolle Voûte & Co.	Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	N.V. Import & Export Maatschappij v/h. Plate en Van Heusde.	Sourabaya.

ARTICLES.	EXPORTERS.	
Sagoflour. (Contd.)	S. L. van Nierop & Co's Handel Maatschappij.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	H. Suhl.	Pontianak.
	Voorhoeve & Co.	Sourabaya.
XVI. SHELLS. Mother-of-pearl shells.	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Burns, Philp & Co. Ltd.	Samarinda. Sourabaya.
	Celebes Trading Company Ltd.	Batavia.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Guthrie & Co. Ltd.	Medan.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Henderson, Keulemans Co.	Batavia.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	Ned.-Ind. Im- & Export Maatschappij.	Buitenzorg.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Michael Stephens & Co.	Ampenan. Macassar.

ARTICLES.	EXPORTERS.	
Mother-of-pearl shells. (Contd.)	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	N.V. Handel Maatschappij v/h. Reijss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Macassar. Den Pasar.
	Rotteveel & Vgile.	Wettevreden.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar.
	Gie Kie Tjan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	N.V. Handel Maatschappij „Transoceana“.	Sourabaya.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
Troca shells.	Crediet- en Handelsvereniging „Banda“.	Amboina. Banda. Ternate.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Haacke & Co.	Padang.

ARTICLES.	EXPORTERS.	
Troca shells. (Contd.)	Maatschappij voor Handel & Industrie.	Padang.
	Ned.-Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Van Houten, Steffan & Co.	Padang.
	Henderson, Keulemans Co.	Padang.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	H. Levison.	Padang.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Rotteveel & Ygile.	Welleveden.
	Handel- & Scheepvaart Maatschappij „Samarinda”.	Samarinda.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar.

ARTICLES.	EXPORTERS.	
Troca shells. * (Contd.)	Gie Kie Tjan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
Flores-, Burgos-and Greensnail shells.	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Filémon, Engelen & Co.	Menado.
	Haacke & Co.	Padang.
	Maatschappij voor Handel en Industrie.	Padang.
	Ned.-Indische Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Henderson, Keulemans Co.	Batavia.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michael Stephens & Co.	Ampenan. Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.

ARTICLES.	EXPORTERS.	
Flores-, Burgos-and Greensnail shells. (Contd.)	Handelsvereniging v/h. Reiss & Co.	Batavia. Samarang. Sourabaya. Ampenan. Den Pasar. Macassar.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Stephens P. Stephens & Co.	Ampenan. Macassar. Singa Radja.
	Gie Kie Tjan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
	Ting Tjam & Co.	Macassar.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda Ternate.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	M. E. Elias.	Gorontalo. Menado.
	Filemon, Engelen & Co.	Menado.
	Haacke & Co.	Padang.
Turtle- and Turtoise shells.	Van Houten, Steffan & Co.	Padang.
	Ned.-Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	N.V. Ned.-Ind. In- & Uitvoerhandel Maatschappij.	Benkoelen.
	Henderson, Keulemans Co.	Batavia.

ARTICLES.	EXPORTERS.	
Turtle- and Turtoise shells. (Contd.)	Maatschappij voor Handel & Industrie.	Padang.
	Van Houten, Steffan & Co.	Padang.
	W. B. Ledeboer & Co.	Macassar. Menado.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar. Menado.
	Michael Stephens & Co.	Macassar. Ampenan.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging v/h. Reiss. & Co.	Batavia. Samarang. Sourabaya. Ampenan. Macassar. Den Pasar.
	Schmid & Jeandel.	Macassar.
	Stephens & Gregory.	Macassar.
	Gie Kie Tjan.	Macassar.
	Njo Tjin Sioe & Co.	Macassar.
	Oei Sioe Tjoan.	Macassar.
	Handel Maatschappij Sen Boen.	Macassar.
XVII. SUGAR AND MOLASSES. Sugar.	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Ting Tjam & Co.	Macassar.
	Handelsvereniging "Amsterdam".	Sourabaya. Medan.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.

Sugar.

Canesugar is the most important of all products of the agricultural industry in Java, the cultivation of sugarcane occupying about 402,961 acres. The number of sugar factories which were working in 1918 was 186.

The following figures illustrate the growth of the sugar industry during the last 10 years:

Year.	Acres under sugarcane.	Production (Tons of 2240 lbs.)
1909	301.700	1.227.618
1910	312.600	1.258.287
1911	335.600	1.443.465
1912	346.700	1.384.242
1913	360.400	1.416.892
1914	365.700	1.359.316
1915	373.500	1.298.312
1916	388.992	1.604.160
1917	396.457	1.793.423
1918	402.961	1.750.203

Besides the huge shipments of superior product (white sugar), big quantities of raw sugar and by-products find their way to Japan, Hongkong, Australia and British India.

The figures below show the exports of superior product (white sugar), raw sugar and molasses during the years 1915 — 1918.

(Quantity—1000 Kilos).

	1915.	1916.	1917.	1918.
Superior	1.142.490	1.417.774	1.166.439	1.504.480
Raw sugar	62.546	28.382	17.690	33.975
Molasses	165.696	115.456	78.795	34.110

ARTICLES.	EXPORTERS.	
Sugar. (Contd.)	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Chater & Co.	Sourabaya.
	Choya & Co. Ltd.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei. Penang.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Erdmann & Sielcken.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Bandoeng. Batavia. Sourabaya.
	Fraser, Eaton & Co.	Sourabaya.
	Galestin & Co.	Batavia.
	Haakman & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.

ARTICLES.	EXPORTERS.	
Sugar. (Contd.)	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Joakim & Co.	Sourabaya.
	J. C. Jordan & Co.	Sourabaya.
	Koloniale Bank.	Samarang. Sourabaya.
	Java Import Export Corporatie.	Sourabaya.
	London-Rangoon Trading Coy. (Java) Ltd.	Sourabaya.
	Maclaine, Watson & Co.	Batavia.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Pitcairn, Syme & Co.	Batavia. Samarang. Sourabaya.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Ross, Taylor & Co.	Batavia. Sourabaya.
	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.

ARTICLES.	EXPORTERS.	
Sugar. (Contd.)	Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya. Medan. Belawan.
	Wellenstein, Krause & Co.	Batavia. Samarang. Sourabaya.
	Zorab Mesrope & Co.	Sourabaya.
	Handelmaatschappij Kian Goan.	Batavia.
	Handel Maatschappij "Transoceana".	Sourabaya.
	Kwik Hoo Tong Handel Maatschappij.	Samarang. Sourabaya.
	Ong Tjien Hong (Hoo Bie).	Sourabaya.
	Handel Maatschappij Djoe Tik.	Sourabaya.
	Handel Maatschappij Hap Kie.	Sourabaya.
	Handel Maatschappij Hap Tik. (Tjio Po Nie).	Sourabaya.
	Tio Wan Kie.	Sourabaya.
	Kwong Sang Choy.	Sourabaya.
	Kwong Wing Ching.	Sourabaya.
	Goo Hoo Swie.	Sourabaya.
	Handel Maatschappij The Ing Tjiang.	Samarang.
	Handel Maatschappij Oei Tjoe.	Samarang.
	Handel Maatschappij Goei Keh Sioe.	Samarang.
	Handel Maatschappij Ko Lie.	Samarang.
	Handelsvereniging "Amsterdam".	Sourabaya. Medan.
Molastego etc. (Cattlefood).	Amsterdam-Batavia Handelsvereniging.	Sourabaya.
	Catz American Co. Inc.	Batavia.

Tea.

Of the successful mountain cultivations in this Colony, tea is undoubtedly the most important one. Originally the cultivation of this plant was entirely in the hands of the Government, who opened a few estates in the Preanger Regencies (Java). Afterwards the cultivation was partly and, in 1870, entirely left to private enterprise. Since then this branch of agricultural industry has been considerably extended.

Although originally the seeds for the Java estates were imported from China, a start was made in 1873 with the introduction of Assam tea, and the old trees were cut down and replaced by this variety. At present only sporadic traces of Chinese tea are to be found in Java, and for many years no one has thought of planting this kind any longer.

Chiefly during the last 25 years the tea factories have been completely modified. This was necessary partly because Assam tea requires a different preparation altogether, and also on account of the competition with other tea supplying countries necessitating a higher standard of perfection of the product.

In 1913, the Government instituted a compulsory inspection of all tea seeds landed in the Colony in order to exclude inferior seeds from importation. The activities of the "Tea Experimental Station" at Buitenzorg have been of admitted advantage to cultivation and manufacture alike whilst an independent "Tea Expert Bureau", established in Batavia further enables to obtain expert-advice on samples, before shipments are despatched to the world's markets.

Exports of tea from the Neth. East-Indies amounted to:

(Quantity—1000 Kilos).

	1915.	1916.	1917.	1918.
Leaf-tea	45.542	43.967	34.795	29.412
Dust-tea	2.211	3.093	3.214	546

Grades usually range from whole leaf to broken leaf and dust, and include:

Dust,
Broken tea,
Broken Pekoe, Broken Orange Pekoe,
Pekoe, Orange Pekoe,
Pekoe Souchon, and Souchon.

ARTICLES.	EXPORTERS.	
Molastego etc. Cattlefood). (Contd.)	Handel Maatschappij Java Oversea Company.	Batavia.
	London Rangoon Trading Coy. (Java) Ltd.	Sourabaya.
	Manders Seemann & Co's Handel Maatschappij.	Macassar.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
XVIII. TEA.	Algemeene Handels Compagnie.	Sourabaya.
	The Anglo Dutch Estates Agency Ltd.	Belawan. Medan.
	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Eugen Boissevain & Co. Inc.	Batavia.
	The Bombay Java Trading Company Ltd.	Batavia.
	The Borneo Company Ltd.	Batavia. Sourabaya.
	Burns Philp & Co. Ltd	Samarang. Sourabaya.
	Carter Macy & Co. Inc.	Batavia.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Tea. (Contd.)	Francis Peek & Co. Ltd.	Bandoeng. Batavia. Sourabaya.
	Société Franco-Neerlandaise de Culture et de Commerce.	Bandoeng.
	Galestin & Co.	Batavia.
	Handel Maatschappij Günzel & Schumacher.	Batang Taro. Belawan. Langsar. Laboean Bilik. Loeboeq Pakam. Medan. Pematang Siantar. Sabang. Sibolga. Tandjong Balei. Tandjong Poera. Tebing Tinggi.
	Ned.-Ind. Handel, Industrie- & Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	Holland Straits Trading Coy.	Medan.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Tea. (Contd.)	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	John Peet & Co.	Batavia.
	Koloniale Bank.	Samarang. Sourabaya.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mc. Meekin & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Von Nordheim & Co.	Batavia.
	W. P. Phipps & Co.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Sourabaya.
	Pitcairn, Syme & Co.	Batavia. Samarang. Sourabaya.
	N.V. Import- & Export Maatschappij v/h. Plate & van Heusde.	Sourabaya.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Rowley Davies & Coy. Ltd.	Bandoeng. Batavia.
	Theodor & Rawlins.	Batavia.

Tin and tin ore.

The tin-deposits in the Island of Banka were originally worked by the native inhabitants, and were later systematically worked by Chinese who at the same time introduced a limited measure of organization. In the beginning of last century the works, although remaining principally in hands of the Chinese, were brought under Government control. Considerable and important improvements were gradually effected, and at the present time the latest processes are in operation.

After cleaning in washing-drains the tin ore is melted down on the spot in separate melting-furnaces erected in the immediate vicinity of every mine. After purification the metal is cast into blocks or slabs, weighing 35.82 K.G. each. In pre-war time all Government-tin was forwarded to Holland for disposal, but as this material was declared contraband after outbreak of the war, sales have been held in Batavia since December 1914.

After Banka, the Billiton mines follow in importance. These deposits are exploited by a private Company (the „Billiton Maatschappij”) paying the Government a royalty of 5/8 of the total annual profits. Billiton tin is exported partly in the ore to Singapore where it is melted and sold as Straits-tin.

A third deposit is located on the Island of Singkep, worked by the „Singkep Tin Maatschappij”, which also extracts tin ore from the sea-bottom by means of dredges.

Exports from the Neth. East-Indies are as follows:

(Quantity—1000 Kilos).

	1915.	1916.	1917.	1918.
<i>For private account:</i>				
Tin	12.782	19.899	15.633	11.585
Tin ore	5.440	5.821	7.048	5.253
<i>For Government account:</i>				
Tin	3.716	4.127	179	—
Tin ore	3	—	—	—

ARTICLES.	EXPORTERS.	
Tea. (Contd.)	Tiedeman & van Kerchem.	Batavia. Sourabaya.
	The Trading Company.	Batavia.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	J. A. Wattie & Co. Ltd.	Sourabaya.
	Geo Wehry & Co.	Batavia. Cheribon. Samarang. Sourabaya. Tjilatjap. Padang.
XIX. TIN AND TIN ORE.	Westphal, King & Ramsay.	Batavia.
	Amsterdam-Batavia Handelsvereeniging.	Batavia. Sourabaya.
	N.V. Behn, Meyer & Co. Handel Maatschappij	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	S. & W. Birnbaum.	Batavia.
	Boasson & van Overzee.	Batavia.
	Eugen Boissevain & Co., Inc.	Batavia.
	The Borneo Coy. Ltd.	Batavia. Sourabaya.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Catz American Co. Inc.	Batavia.
	Firma H. G. Th. Crone.	Samarang.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Francis Peek & Co. Ltd.	Bandoeng. Batavia. Sourabaya.

ARTICLES.	EXPORTERS.	
Tin and Tin ore. (Contd.)	Galestin & Co.	Batavia.
	Indische Handels Compagnie.	Batavia. Cheribon. Samarang.
	Guthrie & Co. Ltd.	Medan.
	Ned.-Ind. Handels-, Industrie- en Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Holland China Trading Co.	Muntok.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Hoppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	MacLaine, Watson & Co.	Batavia.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.

ARTICLES.	EXPORTERS.	
Tin and Tin ore. (Contd.)	Von Nordheim & Co.	Batavia.
	L. Platon.	Batavia. Sourabaya.
	Internationale Crediet- & Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Handel Maatschappij G. H. Slot & Co.	Batavia. Samarang. Sourabaya. Belawan. Medan.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	J. A. Wattie & Co. Ltd.	Sourabaya.
	Wellenstein, Krause & Co.	Batavia. Samarang. Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.
	Amsterdam Batavia Handelsvereniging.	Batavia. Sourabaya.
	Nederlandsch Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
XXI. TOBACCO, JAVA.	N.V. Behn, Meyer & Co. Handel Maatschappij.	Batavia. Samarang. Sourabaya. Tjilatjap. Telok Betong.
	C. Berlage & Co.	Sourabaya.
	Boasson & van Overzee.	Batavia.
	Burns Philp & Co. Ltd.	Samarang. Sourabaya.
	Société Coloniale Indo-Belge.	Batavia. Tangerang.

Tobacco.

The Neth. East-Indies have required in less than half a century a pre-eminent commercial fame by the tobacco cultivation of Java and Sumatra.

The Cultivation of tobacco in Java has extended in several directions notwithstanding the agricultural conditions in the so-called "Vorstenlanden" (Principalities) being different from those in the Government regions. The result of this has been that the Java tobacco is not only one type like the Sumatra product, but it comprises two kinds fit for different purposes.

The Sumatra tobacco has a thin silky-looking leaf of excellent colour and quality which, in spite of all that the planters in Java have tried, they never have been able to equal, far less to surpass. Therefore, Java tobacco planters had to content themselves with a lower range of prices. On the other hand, Java tobacco has, notwithstanding its inability to rival the Sumatra product, taken a prominent place in the European market, and being less expensive and of very uniform quality, the production has largely increased.

At the Eastcoast of Sumatra, the industry under European management is still of much more importance than in Java. It may serve as an example for the enormous power which can be developed by private enterprise in this Colony. About 1864 the first tobacco plantations were opened in the Deli district on virgin land, the use of which was granted by the native rulers.

The exports of tobacco from Java and Sumatra totalled as follows:

(Quantity-1000 Kilos).

Year.	From Java	From the East-coast of Sumatra	From the West-coast of Sumatra
1915	61.865	20.874	607
1916	71.990	20.833	716
1917	7.245	4.489	716
1918	3.459	3.984	570

ARTICLES.	EXPORTERS.	
Tobacco, Java. (Contd.)	Firma H. G. Th Crone.	Samarang. Sourabaya.
	G. Dittrich.	Sourabaya.
	Edgar & Co.	Batavia. Samarang. Sourabaya.
	Fraser Eaton & Co.	Sourabaya.
	Galestin & Co.	Batavia.
	Ned.-Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Hollandsche Handel Maatschappij.	Batavia.
	G. Höppenstedt.	Batavia. Cheribon. Samarang. Sourabaya. Padang.
	Indische Handels Maatschappij.	Sourabaya.
	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Handelsvereniging "Java".	Batavia. Cheribon. Samarang.
	Java Import Export Corporatie.	Sourabaya.
	Joakim & Co.	Sourabaya.
	N.V. Handelsvereniging Kessing & Co.	Sourabaya.
	Koloniale Bank.	Samarang. Sourabaya.

Java teak.

Teakwood occurs in Java in extensive forests, covering a total area of 1.783.694 acres; the entire quantity being State-property.

In firmness Java-teak surpasses by far all European timbers, at the same time being easily worked, of exceptional durability, and free from the ravages of the dreaded white-ants.

Java-teak is extensively utilized for a great variety of purposes, i.e. for the building of houses and bridges, ship-building, railway sleepers, furniture and so on.

Exports from Java and Madura totalled:

(Quantity — Cubic metres).

	1915.	1916.	1917.	1918.
Java-teak railway sleepers	548	359	—	71
" sawn	1.435	805	123	221
" unsawn	17.931	14.056	265	892

ARTICLES.	EXPORTERS.	
Tobacco, Java. (Contd.)	N.V. Koloniale Tabak Import Maatschappij v/h. G. Klomp.	Sourabaya.
	MacLaine, Watson & Co.	Batavia.
	Mc. Neill & Co.	Samarang. Tjilatjap.
	Maintz & Co.	Batavia. Samarang. Sourabaya.
	Mirandolle, Voûte & Co.	Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampanan.
	N.V. Ned.-Ind. Tabak-, Cultuur- & Handel Maatschappij.	Sourabaya.
	S.L. van Nierop & Co's Handel Maatschappij.	Cheribon. Samarang. Sourabaya. Medan.
	Von Nordheim & Co.	Batavia.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- & Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Rotteveel & Vgile.	Weltevreden.
	N.V. Soerabaja Handel- & Cultuur Maatschappij.	Sourabaya.
	Staab & Co's Handel Maatschappij.	Sourabaya.
	N.V. Handel Maatschappij "Transoceana".	Sourabaya.
	Voorhoeve & Co.	Sourabaya.
	N.V. "van Waveren's Graanhandel".	Sourabaya.
	Ong Tjien Hong (Hoo Bie).	Sourabaya.
	Algemeene Handels Compagnie.	Sourabaya.

ARTICLES.	EXPORTERS.	
Java Teak. (Contd.)	Nederlandsch-Indische Im- & Export-Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	The Borneo Company Ltd.	Batavia. Sourabaya.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Edgar & Co.	Bandoeng. Batavia. Samarang. Sourabaya.
	Maatschappij tot Exploitatie van Fijnhouthandel & Stoomzagerij.	Sourabaya.
	Galestin & Co.	Batavia.
	Hermans, Marsmans & Co.	Batavia. Sourabaya. Tjilatjap.
	Handel Maatschappij "Deli-Aijeh".	Belawan. Langsar. Medan. Segli. Penang. Tandjong Balei.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N.V. Vereenigde Javasche Houthandel Maatschappijen.	Batavia. Samarang. Sourabaya.
	Indische Teak- & Hardhouthandel.	Samarang. Sourabaya.

ARTICLES.	EXPORTERS.	
Java Teak. (Contd.)	Jacobson, van den Berg & Co.	Batavia. Cheribon. Samarang. Sourabaya.
	Java Import Export Corporatie.	Sourabaya.
	Handel Maatschappij Java Oversea Company.	Batavia.
	Vereenigde Javasche Houthandel Maatschappij.	Batavia. Samarang. Sourabaya.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	S. L. van Nierop & Co's Handel Maatschappij.	Samarang.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Remedios Brothers.	Sourabaya.
	Internationale Crediet- en Handelsvereniging "Rotterdam".	Batavia. Cheribon. Samarang. Sourabaya. Telok Betong.
	Veerkamp & Co.	Pekalongan.
	Algemeene Handels Compagnie.	Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
Ebony.	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.

Ebony.

The wellknown, and valuable ebony-wood is shipped in large quantities from Menado, Halmaheira, Macassar and Ternate, chiefly consigned to China and Japan. Exports from above districts totalled:

(Quantity-1000 Kilos).

1915.	1916.	1917.	1918.
3.017	2.165	4.168	2.058

ARTICLES.	EXPORTERS.	
Ebony. (Contd.)	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Penang. Segli. Tandjong Balei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	Ned. Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	Handelsvereniging "Java-Borneo".	Djokja. Samarang. Sourabaya. Balik Papan. Boelangan. Kota Baroe. Samarinda.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Michaël Stephens & Co.	Ampenan. Macassar.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.

ARTICLES.	EXPORTERS.	
Ebony. (Contd.)	Moluksche Handelsvennootschap.	Amboina. Djambi. Gorontalo. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Compagnie Commerciale "La Ratoe".	Batavia.
Cedar.	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	Algemeene Handels Compagnie.	Sourabaya.
	Ned.-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	Handel Maatschappij "Deli-Atjeh".	Belawan. Langsar. Medan. Penang. Segli. Tandjong Balei.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	Filémon, Engelen & Co.	Menado.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	Ned. Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.

ARTICLES.	EXPORTERS.	
Cedar. (Contd.)	Handelsvereniging "Java-Borneo".	Samarang. Sourabaya. Balik Papan. Boelangan. Kota Baroe. Samarinda.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Algemeene Handels Compagnie.	Sourabaya.
	Ned.-Ind. Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
Iron wood.	Boden & Co.	Batavia. Palembang.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.

Iron-wood.

Iron-wood [native (Borneo) name: "Belean" or "Onglin"] is only found in Borneo and Sumatra; it is of incredible durability, and of exceptional hardness and firmness. Notwithstanding these properties this wood is worked without great difficulty and is generally employed by the natives for the construction of their sailing-craft. If exposed to the air the colour assumes a blackness resembling ebony.

ARTICLES.	EXPORTERS.	
Iron wood. (Contd)	Vereenigde Indische Bosch Exploitatie Maatschappijen.	Samarang. Palembang. Sinabang. Telok Siliman.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	V. A. Cools.	Berouw.
	Firma H. G. Th. Crone.	Samarang. Sourabaya.
	Handel Maatschappij „Deli-Atjeh”.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	A. H. Dewald.	Bandjermasin.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	M. E. Elias.	Gorontalo. Menado.
	Filémon, Engelen & Co.	Menado.
	Galestin & Co.	Batavia.
	Handelsvereeniging "Gorontalo".	Gorontalo.
	Ned. Ind. Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	Harrisons & Crosfield.	Bandoeng. Batavia. Medan.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N.V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.

ARTICLES.	EXPORTERS.	
Iron wood. (Contd.)	Handelsvereniging "Java-Borneo".	Samarang. Sourabaya. Balik Papan. Boelangan. Kota Baroe. Samarinda.
	Koloniale Handel Maatschappij.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Manders, Seemann & Co's Handel Maatschappij.	Macassar.
	Menadosche Handelsvereniging.	Macassar. Menado.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Handel Maatschappij Moraux & Co.	Macassar.
	Ned.-Ind. Handel-, Industrie- en Cultuur Maatschappij.	Batavia.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	H. Suhl.	Pontianak.
	Other Kinds of wood.	
	Algemeene Handels Compagnie.	Sourabaya.
	Nederlandsch-Indische Im- en Export Maatschappij "Atlantic".	Bandoeng. Batavia. Cheribon. Sourabaya.
	Crediet- en Handelsvereniging "Banda".	Amboina. Banda. Ternate.
	H. C. Bluntschli.	Siak Sri Indrapoera.

ARTICLES.	EXPORTERS.	
Other kinds of wood. (Contd.)	Boden & Co.	Batavia. Palembang.
	Borneo-Sumatra Handel Maatschappij.	Bandjermasin. Djambi. Palembang. Pontianak. Samarinda. Tandjong Pandan.
	N.V. Vereenigde Indische Bosch Exploitatie Maatschappij.	Samarang. Palembang. Sinabang. Telok Seliman.
	Burns, Philp & Co. Ltd.	Samarang. Sourabaya.
	V. A. Cools.	Berouw.
	Handel Maatschappij „Deli-Atjeh“.	Belawan. Langsar. Medan. Segli. Tandjong Balei.
	A. H. Dewald.	Bandjermasin.
	Handels Compagnie v/h. Dircks & Co.	Menado.
	Filémon, Engelen & Co.	Menado.
	Maatschappij tot Exploitatie van Fijnhouthandel & Stoomzagerij.	Sourabaya.
	Galestin & Co.	Batavia.
	Handelsvereniging "Gorontalo".	Gorontalo.
	Harrisons & Crosfield Ltd.	Bandoeng. Batavia. Medan.
	N.V. Handel Maatschappij v/h. Hemmes & Co.	Pontianak.
	Hermans, Marsman & Co.	Batavia. Sourabaya. Tjilatjap.
	Van Heusden, Schwalbach & Co's Handel Maatschappij.	Batavia.
	N. V. Ned.-Ind. In- en Uitvoerhandel Maatschappij.	Benkoelen.

ARTICLES.	EXPORTERS.	
Other kinds of wood. (Contd.)	Vereenigde Javasche Houthandel Maatschappijen.	Batavia. Samarang. Sourabaya.
	Vereenigde Indische Bosch Exploitatie Maatschappijen.	Palembang. Sinabang. (Simaloer).
	Handelsvereniging "Java-Borneo".	Samarang. Sourabaya. Balik Papan. Boelangan. Kota Baroe. Samarinda.
	Koloniale Handel Maatschappij.	Batavia.
	W. B. Ledeboer & Co.	Gorontalo. Macassar. Menado.
	Handelsvereniging v/h. J. Mohrmann & Co.	Macassar. Menado.
	Moluksche Handelsvennootschap.	Ambon. Djambi. Menado. Palembang. Ternate.
	Handel Maatschappij Moraux & Co.	Macassar.
	Handelsvereniging "Nederland".	Sourabaya. Ampenan.
	Ned.-Indische Handel-, Industrie- & Cultuur Maatschappij.	Batavia.
	S. L. van Nierop & Co's Handel Maatschappij.	Samarang.
	Padangsche Handel Maatschappij.	Padang. Sibolga.
	Compagnie Commerciale "La Ratoe".	Batavia.
	Handel- en Scheepvaart Maatschappij "Samarinda".	Samarinda.
	H. Suhl.	Pontianak.
	N.V. Wildhouthandel "Soerabaja".	Sourabaya.

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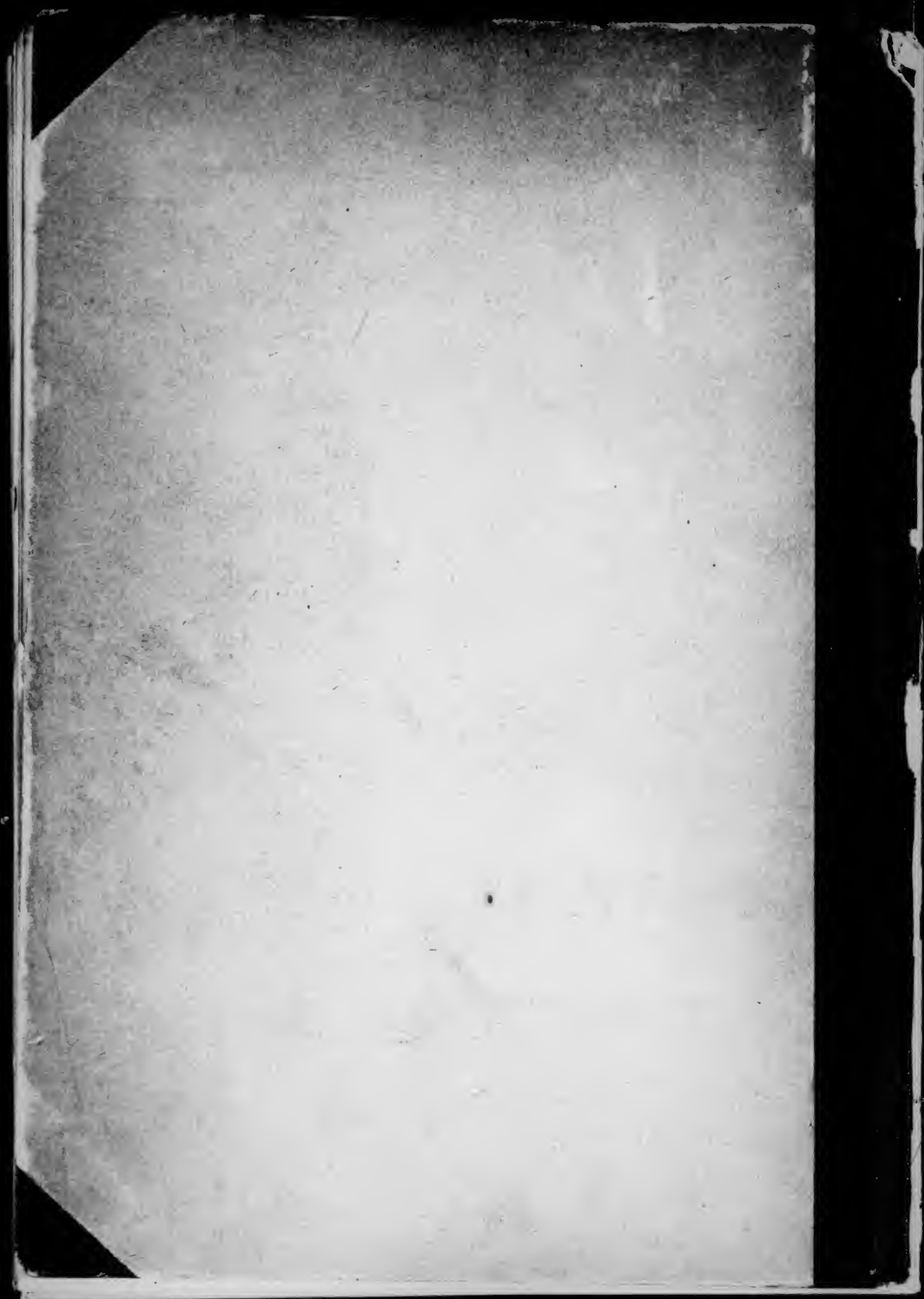
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